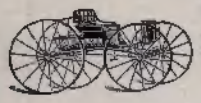
The Whitman Saddle, built on the Whitman idea.

"THE WHITMAN SADDLE CO. carried off honors at the World's Fair, Chicago, having been awarded NINE first-class medals, more than all American and European competitors together. Among the saddles which received prizes were the Whitman park, hunting, military, and the lady's "cut-back" reversible saddles. The last has only recently been invented, and is the only "reversible" lady's saddle having a "cut-back," and which can be changed at short notice to either near or off side. The Whitman Saddle Co. is to be congratulated, as it led all other American as well as European exhibitors, and carried off the honors against the whole world."—*The Rider and Driver, Oct. 14, 1893.*

Our Illustrated Catalogue is mailed to CENTURY readers for three 2-cent stamps; it contains a description of "the Whitman Idea" and of everything else for rider or driver. A novel little device for holding the trousers down when riding, the "Whitman Ready Riding Strap," 50 cents per pair, post-paid.

WHITMAN SADDLE CO. 118 Chambers St., New-York City. 207 State St., Chicago, Ill.



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The Prince of Easy Riding Buggies.

New-York Extension Top Park Phaetons

For Four Passengers.

Surreys, Buckboards, Elegant Buckboards,

For Summer use at Home or at Pleasure Resorts.

FINE BUGGIES ON BREWSTER, TIMKEN OR ELLIPTIC SPRINGS.

Write for Catalogue. Prices Low. Mention this ad.

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To propel one's self, or to be pushed about in, *comfortably, easily,* and of the *reliable* sort. Send stamp for catalog giving *new* prices on all styles and sizes. Quote THE CENTURY.

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For Infants and Children.

Castoria promotes Digestion, and overcomes Flatulency, Constipation, Sour Stomach, Diarrhœa, and Feverishness. Thus the child is rendered healthy and its sleep **natural. Castoria** contains no Morphine or other narcotic property.

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Is the original pneumatic tire, and is backed by five years' experience. It is used on all the best makes of bicycles, and is ridden exclusively by the champion of the world, A. A. Zimmerman.

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NEW IMPORTATIONS arriving from time to time. Rare individual excellence and choicest breeding.

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Our customers have the advantage of **our many years' experience** in breeding and importing; **superior quality; large variety and immense collections;** opportunity of **comparing different breeds;** and **low prices, because** of our **unequaled facilities, extent of business** and **low rates** of transportation.

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Fine open-work ornamentation; artistic mountings decorated with open-work designs.

Representing the largest and most varied assortment of Persian Lamps ever produced.

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Free Trade Values — Protection in Practice

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Heat the water at the bath as you want it.

Strictly sanitary.

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FOR STATIONARY TUBS, THE SAME AS WITH OUR FOLDING TUBS.

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MOSELY FOLDING BATH TUB CO.

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Oct. '94.

Spoons and forks plated extra heavy on the parts most exposed to wear are the best to buy, for they last longest. You can tell them by a special mark stamped on the back, "XII," which is pronounced

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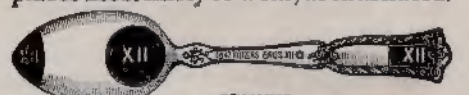
"1847"=original quality Rogers.

"XII"=three thicknesses of silver on places most likely to wear, as illustrated:



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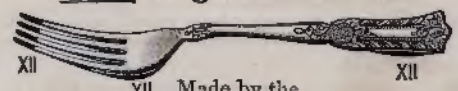
1847 Rogers Bros. "XII"



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Cleans houses better, costs less, goes further than any other washing powder. Try it once and you will use no other. Sold everywhere. Made only by

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ALL have the **Double Center Draught** and **Easy Lighting Device.** Unequaled for their Perfect Light, Beauty of Designs, Handsome Finishes, Superior Construction and Durability.

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First in the homes of our countrymen.

IT SHORTENS YOUR LIFE

every time you lose your temper. Window-shades are awfully aggravating things—that is, if they are not put up with the right kind of a roller. Of course you know that the way to get rid of your window-shade annoyance is to use

The Hartshorn Shade Roller.

The genuine bear autograph of Stewart Hartshorn on label.

Beardsley's Shredded Codfish

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Fish Balls and Fish Cream are prepared by its use in 15 minutes.
Requires no boiling or soaking, therefore creates *no odor*.
Ask your grocer for *Beardsley's* Shredded Codfish—it is the original and only Shredded Codfish. 10 cents a package.

ONE POUND EQUALS TWO OF ANY OTHER KIND.

PREPARED BY

J. W. BEARDSLEY'S SONS, 179 West St., N.Y.

We can send a full-sized package postpaid to any one for 14c.

Makers of the Celebrated Acme Sliced Smoked Beef.

The finest Cocoa Beans are of a reddish brown color.

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either in the tin or prepared in the cup is reddish brown, which proclaims its purity. Cocoa of any other color indicates either an inferior grade of bean, or adulteration in the process of manufacture.

A Sample of Blooker's Cocoa (enough for two cups) will be sent for two cents to pay postage. Address

Franco-American Food Company,

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A PREPARATORY SCHOOL of the first grade under able masters. 200 students have been prepared successfully for Harvard, Yale, etc. New fireproof school-house, unexcelled as a scholastic building, at 20 West 44th Street, New-York City, with gymnasium 83 x 100 feet.

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French and English School. Resident Pupils. Reopens Monday, October 1st.

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Primary, Academic, Collegiate.
Certificate admits to the leading Colleges for Women.
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Collegiate School. —FOUNDED 1633.

Boys prepared for College, Scientific School and for Business. Primary department. Well-equipped Gymnasium.
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Miss ELLEN E. LEARNED, Principal.
Twenty-third year begins October 4th. Address, Stowe, Vt., until September 15th.

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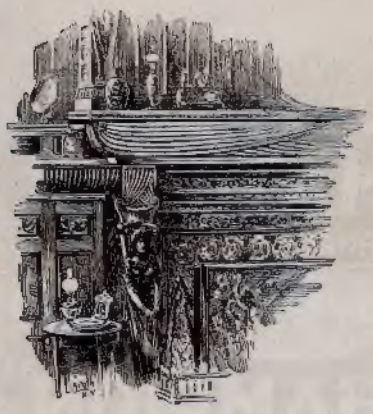

means adaptation of mantel to architectural surroundings, personal tastes and financial limitations.

Our show-rooms are replete with such and pictures for those who can't come.

If you know what you want and we haven't it, we can make it as no one else can.

Write us if you contemplate building.

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Before accepting your specifications for heating, insist that **Jenkins Bros.' Steam** and **Jenkins' Automatic Air Valves** shall be used. They are stamped with Trade-Mark and warranted absolutely tight. Send for catalogue.

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For Parlors, Libraries, Dining Rooms, Halls, Stores, Offices, and **Borders for Rugs.** Also mfr. of **Egyptian and Moorish Fret Work, Grilles,** etc. *Largest manufacturer in the world.*
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SEND FOR 46 PAGE CATALOGUE
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should be the most attractive spot in the room. It is, if an artistic

WOOD MANTEL

is there. We make mantels—from the simplest to the most elaborate—distinctive in design and finish. You can buy from our factory ***direct, at Factory Prices***—save money no matter where you live.

Send 8c. for postage on our large and handsome catalogue.

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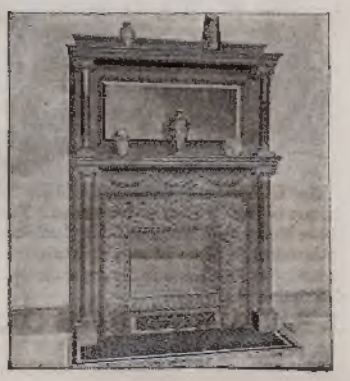

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She can bake, she can broil, she can fry;
Ne'er a cake does she spoil, nor a pie.
She's perfectly neat,
Her temper is sweet,
And this is the reason why:

she uses . . .

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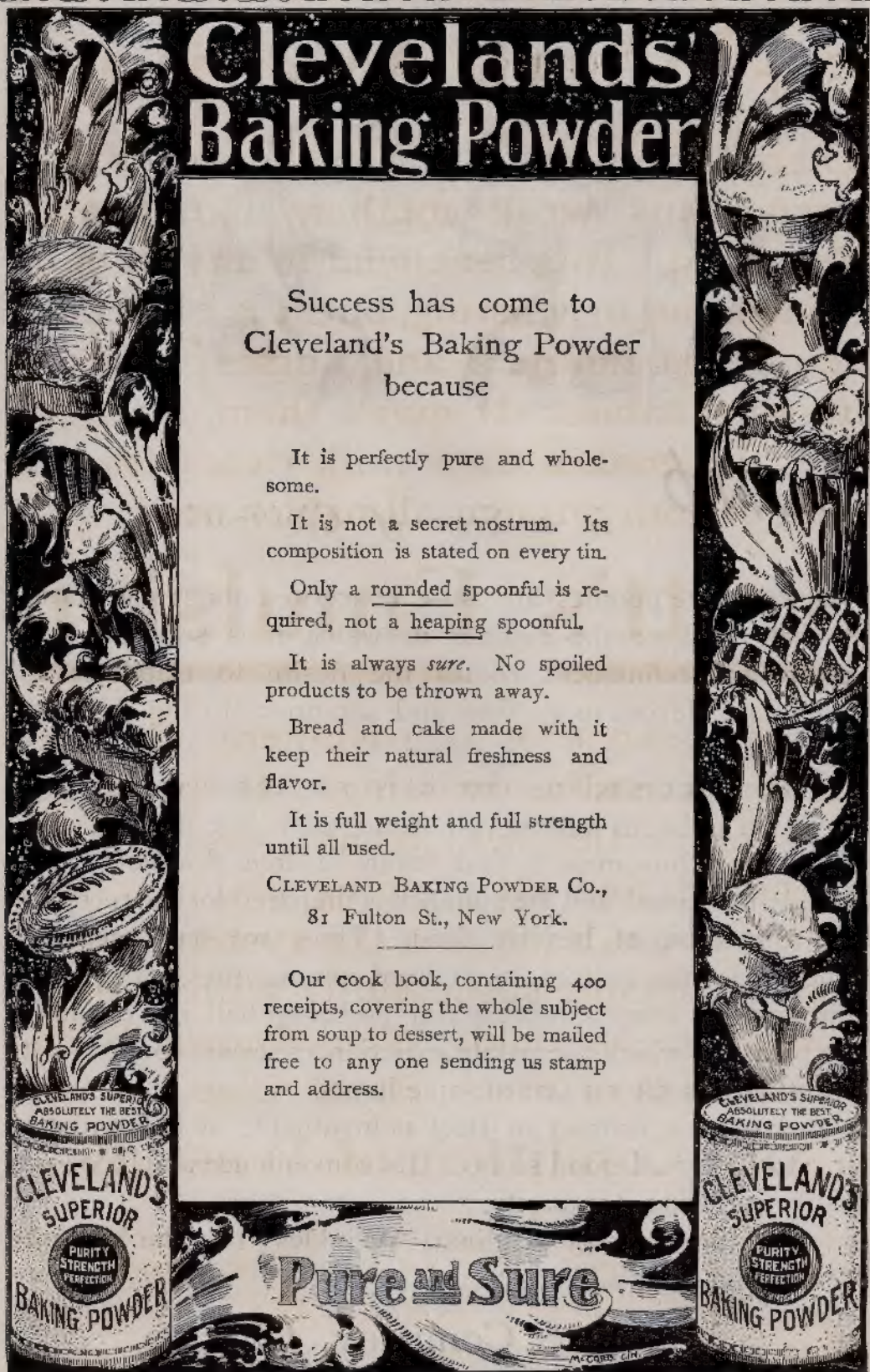
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Baking Powder
Success has come to
Cleveland's Baking Powder
because
It is perfectly pure and wholesome.
It is not a secret nostrum. Its composition is stated on every tin.
Only a rounded spoonful is required, not a heaping spoonful.
It is always *sure*. No spoiled products to be thrown away.
Bread and cake made with it keep their natural freshness and flavor.
It is full weight and full strength until all used.
CLEVELAND BAKING POWDER CO.,
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Our cook book, containing 400 receipts, covering the whole subject from soup to dessert, will be mailed free to any one sending us stamp and address.
CLEVELAND'S SUPERIOR ABSOLUTELY THE BEST BAKING POWDER
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from tire to hub, from handle-bar to pedal. At every step in the construction of : : : : : :

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the work is thoroughly tested by scientific experts, and any weakness of material developed or imperfection of work detected causes that material or work to be thrown out, at whatever stage it occurs and at whatever sacrifice of time and money.

The finished COLUMBIA is as nearly right as lies within human power to build a bicycle, and we guarantee our wheels to be absolutely free from imperfection in material, construction or finish.

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LIGHT SAFETIES for both MEN and LADIES.

It is the best wearing

BICYCLE

manufactured and gives you the least trouble of any.

Write for Catalogue and any special information wanted.

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WARWICK CYCLES

25 lbs. The strongest; the lightest. The scorchers' delight. The ladies' favorite. Rigid, handsome, fully warranted. Catalogue free.

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WITHOUT CHARGE.

A.W.GUMP & CO.,

Dayton, Ohio,

will send you a list of **new** and **second-hand Bicycles,** showing a saving of from $20.00 to $50.00, or for **10 cents** they will send you a *Candy Bicycle Transparency,* good to eat but better to hang in your window.

The New English Perfume.

Crab Apple Blossoms

In 1, 2, 4, and 8 oz. Bottles.

ASKED FOR ALL OVER THE WORLD.

Annual Sales over 500,000 Bottles.

EXTRA CONCENTRATED.

THE UNIVERSAL FAVORITE.

The Crown Perfumery Co. 177 New Bond St. London.

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I make the very best line of Chairs, Settees, Rockers, Lounges and Tables for use in country houses, hotels, summer cottages and hospitals. Ask your furniture dealer for them, or send for my catalogue and factory prices. I guarantee them for a reasonable lifetime. Don't be deceived into buying an imitation. Catalogue free. Freights way down.

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METAL POLISH

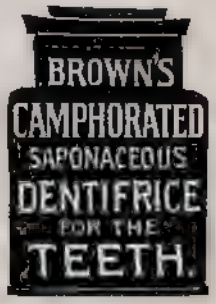
The above is a fac-simile of a box of the only genuine HELMET brand POLISHING PASTE. Refuse as worthless imitations, boxes without or helmets or without our name. For sale everywhere, or send three 2 cent stamps for large sample box, by mail, to the sole agents for United States, Canada and Mexico.

Adolf Cohring & Co., 180 Pearl St., N. Y.

CUTICURA for the HAIR

Luxuriant hair, with a clean, wholesome scalp, free from irritating and scaly eruptions, is produced by CUTICURA SOAP, the most effective skin purifying and beautifying soap in the world, as well as purest and sweetest for toilet, bath, and nursery.

Sold throughout the world. Price, 25c. POTTER DRUG & CHEM. CORP., Sole Props., Boston. "All about the Skin, Scalp, and Hair," free.



The Best Toilet Luxury as a Dentifrice in the World.

To Cleanse and Whiten the Teeth,

To Remove Tartar from the Teeth,

To Sweeten the Breath and Preserve the Teeth,

To Make the Gums Hard and Healthy,

Use Brown's Camphorated Saponaceous Dentifrice.

Price, Twenty-five Cents a Jar.

For Sale by all Druggists.

Crescent Bicycles.

An Entirely New Line for 1894.

$75 28-inch. LADIES' (No. 4) 36 lbs. MEN'S (No. 1) 30 lbs.
$50 26-inch. LADIES' (No. 5) 32 lbs. MEN'S (No. 2) 27 lbs.
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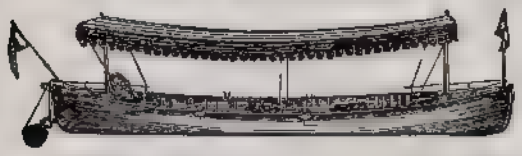
We are demonstrating that first-class Bicycles can be made and sold at the above prices. We are represented in all the principal cities and towns of the United States.

Illustrated Catalogue Free on application.

WESTERN WHEEL WORKS,
Chicago. New York.

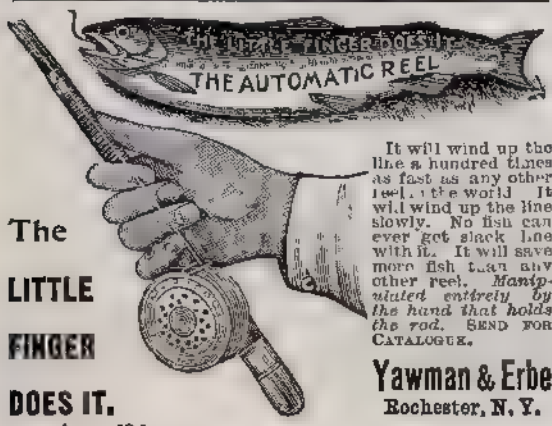
RUSHTON BOATS CANOES $15.00/100 AND UP.



The Absolute superiority of the Rushton Boats and Canoes is acknowledged wherever they are used. Finest finish, easiest rowing.

Medal and Diploma at World's Fair. Send for Catalogue.

J. H. RUSHTON, CANTON, NEW YORK.



The LITTLE FINGER DOES IT.

It will wind up the line a hundred times as fast as any other reel in the world. It will wind up the line slowly. No fish can ever get slack line with it. It will save more fish than any other reel. *Manipulated entirely by the hand that holds the rod.* SEND FOR CATALOGUE.

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Which possesses a defining and sight-assisting power not before known in any field or marine glass.

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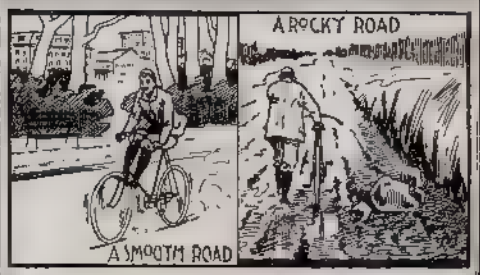
Please mention THE CENTURY.



You'd Choose Smooth Sailing

Just so with Bicycles.
There are wheels which "look the same" to unpracticed eyes—BUT THEY ARE NOT.

Rambler

BICYCLES

have the confidence of best informed and experienced riders for health, pleasure, or gain—because always reliable.

Ramblers are "smooth running" bicycles—strong enough for all sorts of roads.

Catalogue free at any Rambler Agency, or by mail for two 2-cent stamps.

Gormully & Jeffery Mfg. Co.
Chicago. Boston. Washington. New York.

The manufacturers of the famous

CHRISTY BREAD KNIFE

offer a

New Nine Hundred Dollar

Upright Grand

STEINWAY PIANO,

Style X—7⅓ Octaves, Ebonized Case,

FREE!

To the person who sells most of their goods between now and December 31, 1894. Send $1.00 for sample set of knives, which will enable you to begin work at once. Further particulars concerning this, the greatest Premium ever offered by a responsible manufacturer, sent on receipt of request.

The Christy Bread Knife is guaranteed. Money refunded where dissatisfaction exists. It is the only new idea in cutlery for years. Exhibited daily in the Model Kitchen at the World's Fair as the Model Bread Knife. Endorsed by Mrs. Emma P. Ewing and other household authorities.

Wherever tried it is always a favorite. By reason of its peculiar wavy edge it cuts hot, new bread thin as old, cuts frosted cake, etc., without breaking, and makes carving a pleasure. It is the greatest knife ever invented for the household

It is no trouble to sell these knives. Every housekeeper who sees them wants them. Your friends will be glad to help you get this splendid Piano—the finest make in the world. Never mind whether you have done work of this kind before or not. Experience is not necessary. Perseverance and industry will win the day.

Address all correspondence to THE CHRISTY KNIFE CO., BOX K, FREMONT, O.

CUTICURA SOAP is the most effective skin purifier and beautifier in the world as well as purest and sweetest for toilet, bath, and nursery. It is so because it strikes at the CAUSE of bad complexions, distressing skin irritations, and simple baby blemishes, viz.: The CLOGGED, IRRITATED, INFLAMED, OVERWORKED, or SLUGGISH PORE. Sold throughout the world. "All about the Skin, Scalp, and Hair," free.

POTTER DRUG & CHEMICAL CORPORATION, Sole Proprietors, Boston, Mass.

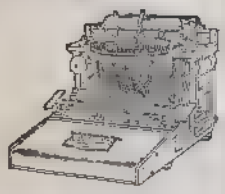
AT THE HEAD TO STAY

THERE are good points in many typewriters, but for *Ease of Operation, Permanency of Alignment, Simplicity of Construction, Wearing Qualities and Adjustability for Wear, the* BEST by large odds is the

CALIGRAPH TYPEWRITER

THERE IS NONE OTHER SO GOOD.

Descriptive Catalogue of Caligraphs and Typewriter Supplies will be sent on request.



The American Writing Machine Co.,
HARTFORD, CONN., U. S. A.

Made for Work, Thoroughly Made,
without regard to cost of Design or Construction.

Made for Wear, Simply Made,
to give complete satisfaction always, and warranted to do it.

The **Remington** Typewriter.

Wyckoff, Seamans & Benedict,
327 Broadway, New-York.

1894 No. 4

BAR-LOCK VISIBLE WRITING TYPEWRITER

ARTIFICIAL BRAINS

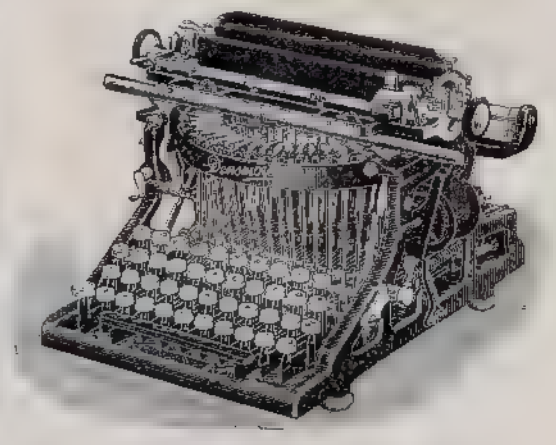
Are furnished by this machine. It does so many things automatically. Leaves the brain of the operator free to do brain work. Attends to the mechanical part itself.

It increases the capacity of the operator—does the work better—does it easier—does it quicker.

Descriptive Catalogue free.

The Columbia Typewriter M'f'g Co.
116th STREET, NEW-YORK.

THE DENSMORE,
"The World's Greatest Typewriter."



Lightest Touch, which Means Least Fatigue.
With Fewer Parts than Others Attains More Ends.
The Material and Workmanship Insure Durability.
Adopted by the United States War Department.

FREE: Descriptive Pamphlet containing testimonials from leading concerns

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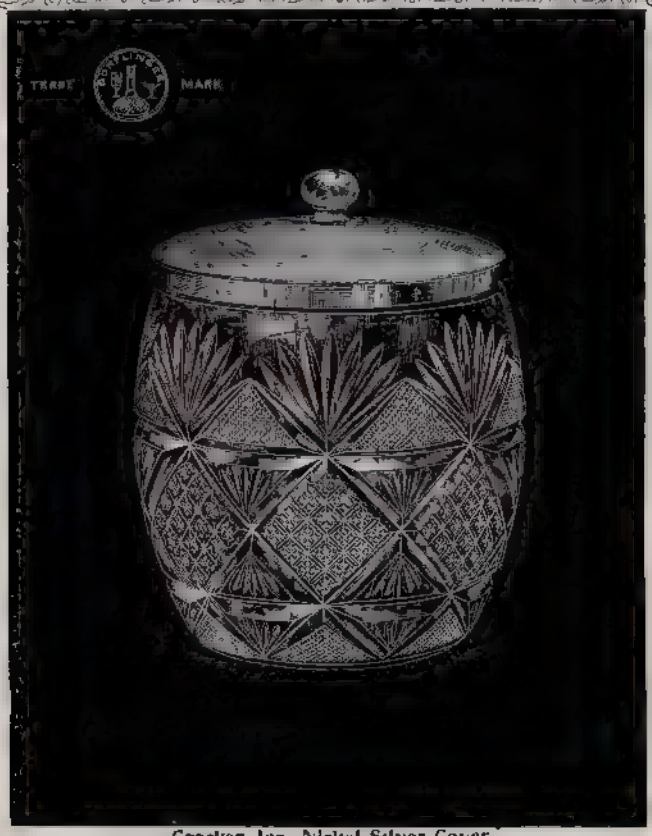


Cracker Jar– Nickel Silver Cover.

Dorflinger's American Cut Glass.

A constantly increasing variety of cut glass, for the table and for ornaments.

No piece genuine without our trade-mark label.

C. Dorflinger & Sons,
New York.

HIGGINS AND SEITER

FINE CHINA RICH CUT GLASS

We sell High Class China, Rich Cut Glass, about ¼ less than any other house in the U. S. Our 174-page catalogue free; send for it.

This Bon-Bon a sample bargain from catalogue

6-inch Rich Cut Glass Handled Bon-Bon, deeply cut, beautifully polished, only $2.85 each. Order one.

50-52 W. 22nd St. New York
170 Bellevue Ave. Newport, R. I.

Nearly Two Million

World's Fair Visitors

saw the wonderful factory exhibit of The Libbey Glass Company, showing the complete process of

Cutting Glass.

The Libbey Company are acknowledged to be the most skillful cutters of glass in the world. The purity of color and brilliancy of their glass have put their wares ahead of all others. To say that other cut glass "is as good as Libbey's" means the highest claim that competitors aspire to. Every genuine piece of their goods carries this trade-mark:

LIBBEY CUT GLASS TOLEDO O. TRADE MARK

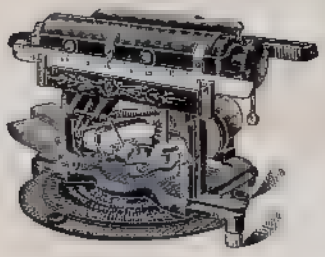
A corset must

Fit to Wear

Dr. Warner's Coraline Corsets are fitted to living models.

Sold everywhere. WARNER BROS., Makers, New York and Chicago.

$22 $25



The Edison-Mimeograph Typewriter.

It Lacks the Highest Speed,—but

It is fast enough;
It has steel type;
It is simple to learn;
It is easy to operate;
It inks from a ribbon;
It is strongly built;
It has perfect alignment;
It is a heavy manifolder;
It produces a perfect stencil;
It does the best Mimeograph work;
It can be used for general typewriting;
It is within the reach of all in price;
It does as good work as the hundred dollar machines;
It is guaranteed in every respect.

No. 1—78 Characters, $22.00.
No. 2—86 Characters, $25.00.
No. 3 90 Characters, $25.00.

Catalogue sent on application.

A. B. DICK COMPANY,
Chicago,
New York and Philadelphia.

GLOBE DESKS

Are so fine that it is believed few are as fine. They are as fine as the finest woods and workmanship can make them.

And if they are not perfection it is because we don't know what perfection is; because no one has attained it.

Complete illustrated catalogue of Globe Filing Cabinets, Desks and Office Furniture tells everything—free; also primer.

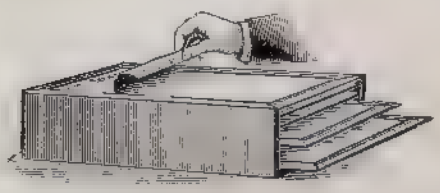
THE GLOBE CO.
Cincinnati, O.
EASTERN BRANCH; 42 Beaver Street, N. Y.

The

Simplex

Printer.

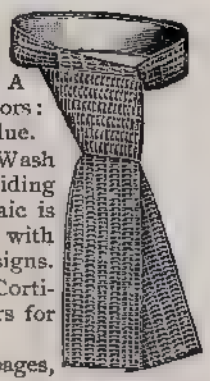
A new invention for duplicating copies of writings or drawings. Agents wanted. From one original on ordinary paper, with any pen, 100 copies can be made 50 copies of any type-written manuscript produced in 15 minutes. Circulars and samples on request. Simple, cheap, and effective. Indorsed by over 50,000 users.



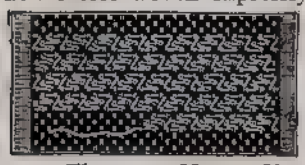
LAWTON & CO. { 20 Vesey Street, New-York.

CARLSBAD
SPRUDEL SALT
is obtained from the
SPRUDEL SPRING
by evaporation
APERIENT,
LAXATIVE,
DIVRETIC.
Accelerates Absorption,
Stimulates Nutrition,
Aids Digestion,
Corrects Acidity.
BEWARE OF IMITATIONS
EISNER & MENDELSON CO.
SOLE AGENTS FOR THE U.S.
152 FRANKLIN ST., NEW-YORK CITY.

Florence Silk Mosaic.



Hand Embroidery on Washable Neckties is popular home needlework. A new fabric woven expressly for this use is called Florence Silk Mosaic—colors: cream-white, black, tan, navy-blue, and old-blue.



The embroidery is done with Corticelli (EE) Wash Silk, as sold on spools, which keep it clean, avoiding waste, thus saving time and money. The Mosaic is sold in patterns cut the right length for a tie, with working plan, directions, and many new designs.

"Florence Home Needlework" for 1894 is now ready. Subjects: Corticelli Darning in 22 new designs; Knitting; Crochet and Correct Colors for Flowers, embroidered with Corticelli Wash Silk.

Send 6 cents, mentioning year, and we will mail you the book—96 pages, 90 illustrations.

NONOTUCK SILK CO., Florence, Mass.

Tourists

passing through New York are cordially invited to visit

The Linen Store

and inspect the large and carefully selected assortment of high-class specialties there displayed. This house, which has made a specialty of linens for 40 years, has brought out for the Fall season a greater variety of novelties than in any previous year.

The collection includes entirely new designs in table linen and made-up bed linens, towels, novel art fabrics for needlework, new designs in pure linen handkerchiefs, and all desirable staple linens for kitchen, dining-room and general housekeeping uses.

James McCutcheon & Co.
14 West 23d St., New York.

Early Fall Shopping.

Early selections of materials for Autumn wear, will enable customers to secure choice patterns and styles.

We open trade, this month, with an unusually large and carefully assorted stock in Silks, Dress Goods, and Ready-Made Garments, to which we ask immediate attention.

The prices throughout are moderate.

James McCreery & Co.

Broadway and 11th Street,

New York.

BENEDICT ENGRAVER

Operates every method of making plates or illustrations for letter-press printing. Half tone and Photo-Zinc-Etching, Wood, Metal and Map Engraving and Electrotyping. Prices lowest consistent with quality. Facilities and capacity unexcelled. Send for estimates and samples.

GEO. H. BENEDICT & CO
175-177 S. CLARK ST. CHICAGO.

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[CHAUTAUQUA PLAN]

Able professors—thorough course, leading to degree LL. B. (Incorporated). Send stamp for Catalogue.

CHICAGO CORRESPONDENCE SCHOOL OF LAW REAPER BLK. CHICAGO

THE STAY THAT STAYS IS THE CORALINE STAY FOR DRESSES

Put up in yard lengths the same as whalebones also in short lengths, muslin covered. Sample set for one dress, by mail, 25 cents. Sold everywhere. WARNER BROS Makers, New York and Chicago.

When you need

A Good Soup

remember the brand

Franco-American.

Green Turtle, Terrapin, Chicken, Consommé, Purée of Game, Mulligatawny, Mock Turtle, Ox-Tail, Tomato, Chicken Gumbo, French Bouillon, Julienne, Pea, Printanier, Mutton Broth, Vegetable, Beef, Pearl Tapioca, Clam Broth.

Sample can of soup sent (postage prepaid) on receipt of 14 cents. Don't forget our Plum Pudding, sample can 14 cents.

Franco-American Food Co.,

P. O. Box 150, New York.

GARLAND STOVES AND RANGES
The World's Best

You can easily have the best if you only insist upon it.

They are made for cooking and heating, in every conceivable style and size for *any* kind of fuel and with prices from $10 to $70.

The genuine all bear this trade-mark and are sold with a *written guarantee.*

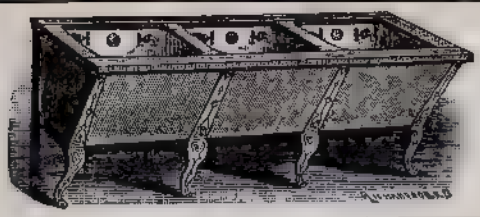
First-class merchants everywhere handle them

Made only by The Michigan Stove Company,
LARGEST MAKERS OF STOVES AND RANGES IN THE WORLD
DETROIT, CHICAGO, BUFFALO, NEW YORK CITY.

Ideal Boiler Co.
45 Oliver St., Boston.

The New Ideal Heaters.

Ideal Boiler Co.
36 Dearborn St., Chicago.

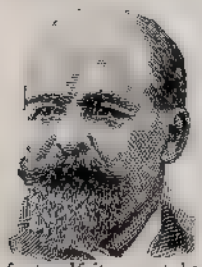


Solid White Crockery
Stationary Wash Tubs and Sinks

Get the best. Do not risk your health by using materials that will leak, absorb, decay and become infectious.
Our solid White Crockery Wash-Tubs, have stood the test of fifteen years, and are unrivaled, being imperishable, well glazed and non-porous.
Send for price list and catalogue.

STEWART CERAMIC CO.,
312 Pearl Street, New York.

Beeman's Pepsin Gum,



THE PERFECTION OF CHEWING GUM.

A Delicious Remedy
FOR ALL FORMS OF
INDIGESTION.

CAUTION. See that the name Beeman is on each wrapper.

Each tablet contains one grain pure pepsin, sufficient to digest 1000 grams of food. If it cannot be obtained from dealers, send five cents in stamps for sample package to

BEEMAN CHEMICAL CO., 2 Lake St., Cleveland, O.
Originators of Pepsin Chewing Gum.

Poor Fido, won't you take some of Mamma's Figaro Licorice — cured her cold

To get **Pure Spanish Licorice**, Sticks and Pellets, ask for and insist upon getting the

FIGARO LICORICE,

made in Zaragoza, Spain. No foreign or gritty adulterations in the Figaro. Try this, and you will use no other. Send 3 two-cent stamps for large sample to the

"FIGARO" IMPORTATION OFFICE, 3 Union Sq., N. Y.

You can easily have the best if you only insist upon it.

They are made for cooking and heating, in every conceivable style and size for *any* kind of fuel and with prices from $10 to $70.

The genuine all bear this trade-mark and are sold with a *written guarantee.*

First-class merchants everywhere handle them

Made only by The Michigan Stove Company,

LARGEST MAKERS OF STOVES AND RANGES IN THE WORLD

DETROIT, CHICAGO, BUFFALO, NEW YORK CITY.

When you wish to buy a

STEAM OR HOT WATER HEATING PLANT,

send for a catalogue of

THE DUNNING BOILER.

We guarantee satisfaction.

Made by

NEW-YORK CENTRAL IRON WORKS CO.

67 Exchange Street, Geneva, N. Y.

At ¼ Price Bicycles, Watches, Guns, Buggies, Harness, Sewing Machines, Organs, Pianos, Safes, Tools Scales of all Varieties and 1000 other Articles. Lists Free. CHICAGO SCALE CO., Chicago, Ill.

The Hopson & Chapin Mfg. Co., of New London, Conn., build, from their own designs and in their own shops, apparatus especially intended for warming buildings and fresh air by *Hot Water.*

This work is always erected on their plans.

The results of nine years' thorough work have characterized this as *"The finest work in the world."*

Their favorably located and extensive works permit the lowest prices possible for a thoroughly good result.

There are

"Points"

Worth knowing in

THE CELEBRATED

THATCHER

FURNACES AND RANGES

GAS TIGHT, DURABLE, ECONOMICAL.

ALSO THE

"CHAMPION"

STEAM AND HOT-WATER HEATER

Sold by the trade generally. Specified by leading architects. Illustrated Catalogue sent free.

The Thatcher Furnace Co., Manufacturers, 240 Water St. New-York.

POINTS ABOUT THE EQUIPOISE WAIST.

It is stylish and comfortable, a rare combination.
It embodies the true hygienic principle of support from the shoulders.
The bones can be removed without ripping the garment.
It fits as if made to order.
It will wear longer than any other waist (or corset) made.
It is recommended by physicians and teachers of calisthenics.
Its best recommendation is its enormous sale, constantly increasing.

[illegible] merchants throughout the United States. [illegible] Black, $3.00; Ventilated, $2.50; Silk [illegible] Infants, White, 75 cts. Note.—The [illegible], mailed free. Address,

GEORGE FROST COMPANY, 331 TREMONT STREET, BOSTON.

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A Word in Season.

A Rolling Chair at this season of the year is the best tonic for an invalid. It means fresh air, sunshine and exercise.

We not only make the best as well as the largest variety in the world, but everything else that conduces to the comfort of the sick, such as

Carrying Chairs,
Reclining Chairs,
Invalids' Beds and Tables,
Back Rests,
Bed Trays,
Commodes,
Earth Closets,
Hospital Supplies, etc.

We also make a specialty of

Library and Office Furniture

INCLUDING

Roll-top and Flat-top Desks,
Luxurious Easy Chairs,
Office and Library Chairs,
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Dictionary Holders, etc.

Write us, stating what you want, and we will send you illustrated catalogues. Address

GEO. F. SARGENT COMPANY,

Mention CENTURY MAGAZINE. 814 Broadway, New-York.

Nearly Two Million

World's Fair Visitors

saw the wonderful factory exhibit of The Libbey Glass Company, showing the complete process of

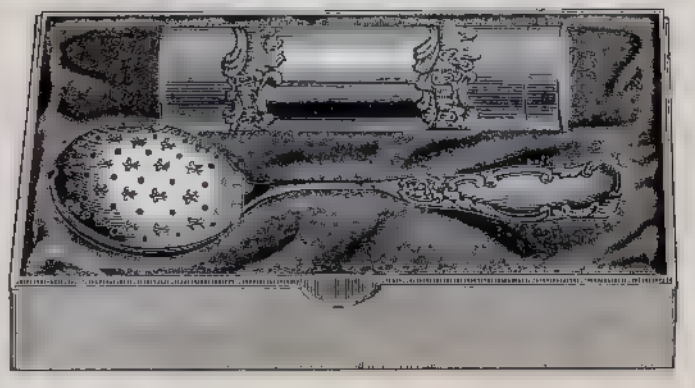
Cutting Glass.

The Libbey Company are acknowledged to be the most skillful cutters of glass in the world. The purity of color and brilliancy of their glass have put their wares ahead of all others. To say that other cut glass "is as good as Libbey's" means the highest claim that competitors aspire to. Every genuine piece of their goods carries this trade-mark:

LIBBEY CUT GLASS TRADE MARK TOLEDO O

TEA-E-T-TE and CADDY

NOVEL



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TO MAKE A CUP OF TEA WITHOUT A TEAPOT

Your dealer has, or can procure, one for you.

PAIRPOINT MFG. CO.

New Bedford, Mass.

NEW-YORK. CHICAGO.

It Can Clean the World

if it is given a chance.

GOLD DUST

WASHING POWDER

Cleans everything to which it is applied. Cleans it quickly, cleans it easily, cleans it cheaply. Apply it to everyday use and see for yourself. Sold by grocers everywhere. Price 25c. per 4 lb. package. Made only by

The N. K. FAIRBANK COMPANY, Chicago, St. Louis, New York, Boston, Philadelphia.

B. & H. LAMPS.

ALL have the **Double Center Draught** and **Easy Lighting Device.** Unequaled for their Perfect Light, Beauty of Designs, Handsome Finishes, Superior Construction and Durability.

Sold by Leading Dealers everywhere.

Our line of Gas and Electric Fixtures and Art Metal Goods is complete in every particular.

Our Little Book, giving you more information, sent Free.

Bradley & Hubbard Mfg. Co.

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FACTORIES: MERIDEN, CONN.

Bath Cabinet. A CURE for Rheumatism, Liver and Skin Diseases, Etc.

Rolling Chair. A Priceless Boon to those who are unable to walk.

RECLINING CHAIRS, COUCHES, COMODES, BACK RESTS, BIDETS, and other

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Descriptive Lists Sent Free.

Our Chairs are used in the U. S. Hospitals.

NEW HAVEN CHAIR CO.

NEW HAVEN, CONN.

Saves Labor.

Every Machine Fully Guaranteed.

MANGLES

For Ironing Linen and Bedding. In

Family and Hotel

Will do the work of 6 expert girls.

Keeps the Linen White,

Does not scorch or turn it yellow. No heat required. *Send for Catalogue.*

S. C. JOHNSON, Racine, Wis.

THE IMPERIAL CHRYSANTHEMUM

Connoisseurs of artistic silverware can, upon inquiry at their family jewelers, examine the beautiful new IMPERIAL CHRYSANTHEMUM pattern of sterling silver spoons and forks made by the

GORHAM MANUFACTURING COMPANY

It will also afford them an opportunity to become familiar with the *GORHAM* trade mark. This lion anchor and letter G carries with it a guarantee that the article is sterling silver .925 1000 fine and that in finish and workmanship it is the best that experience and skill can produce.

The *GORHAM MANUFACTURING COMPANY'S* sterling silverware is designed for and appeals to a refined and cultivated taste.

Purchasers are cautioned against wares represented by the Dry Goods and Department Stores as "*GORHAM SILVER*." The sale of the entire production of the *GORHAM MANUFACTURING COMPANY* is restricted to the Retail Jewelry Trade.

GORHAM MFG CO. SILVERSMITHS

BROADWAY AND NINETEENTH ST
NEW YORK.

Home Again?

After a summer's outing the duties of housekeeping begins; it's easy work with the right materials. For cleaning Silverware

SILVER **ELECTRO-SILICON** POLISH

is right in every way. We know it—nearly a million housekeepers (who use it) know it—if you are not one of them YOU SHOULD KNOW IT. It's unlike any other.

Trial quantity for the asking. Box, post-paid, 15 cents. It's sold everywhere.

THE ELECTRO SILICON CO., SOLE PROPRIETORS, 72 JOHN STREET, NEW YORK CITY.

EIGHTEEN FORTY-SEVEN ROGERS

IN THIS YEAR THE GENUINE "1847 ROGERS" Goods were originally made.

THEY HAVE STOOD THE TEST FOR NEARLY 50 YEARS which proves conclusively that they are the best

1847 ROGERS BROS.

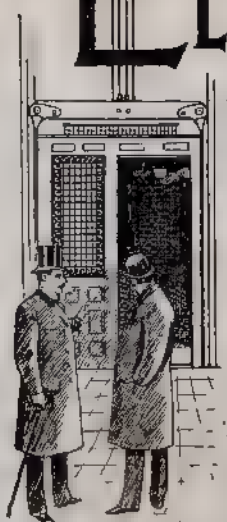
SPOONS, FORKS, KNIVES etc. ARE SOLD BY ALL THE PRINCIPAL DEALERS

Other Brands of ROGERS GOODS are sometimes substituted for the genuine "1847" as they admit OF A LARGER PROFIT

If you are not sure where the genuine 1847 Rogers Goods can be obtained, address THE MERIDEN BRITANNIA CO., Meriden, Conn.

Illustrations of latest designs and valuable information will be mailed you. (MENTION THIS MAGAZINE.

GRAVES ELEVATORS



PASSENGER & FREIGHT.

Safety Speed and Economy Combined

GRAVES ELEVATOR CO.,

ROCHESTER, N.Y. Send For Catalogue.

New York. 92 & 94 Liberty St.-Boston. 53 State St., Detroit. Hodges Bl'dg – Atlanta, Ga. Inman Bl'dg.

The Morgan Combination Curtain Pole and Grille

Made in one piece.

Fitted to any opening.

Dispenses with the usual pole and rings, supporting the curtain by carriers run through a tube by means of a narrow slot, and easily attached to curtain.

The grilles are made in antique oak and antique mahogany finish, 12, 15, and 18 inches high, and cost per running foot—for 12-inch, $1 25, the 15-inch, $1 50 the 18 inch, $1 75 Carriers, $1 00 per dozen. Send us width of door or window, height of grille and finish wanted. We will ship grille ready to put up

N. R. WARD, Gen'l Agent, 1180 Broadway, New York City.

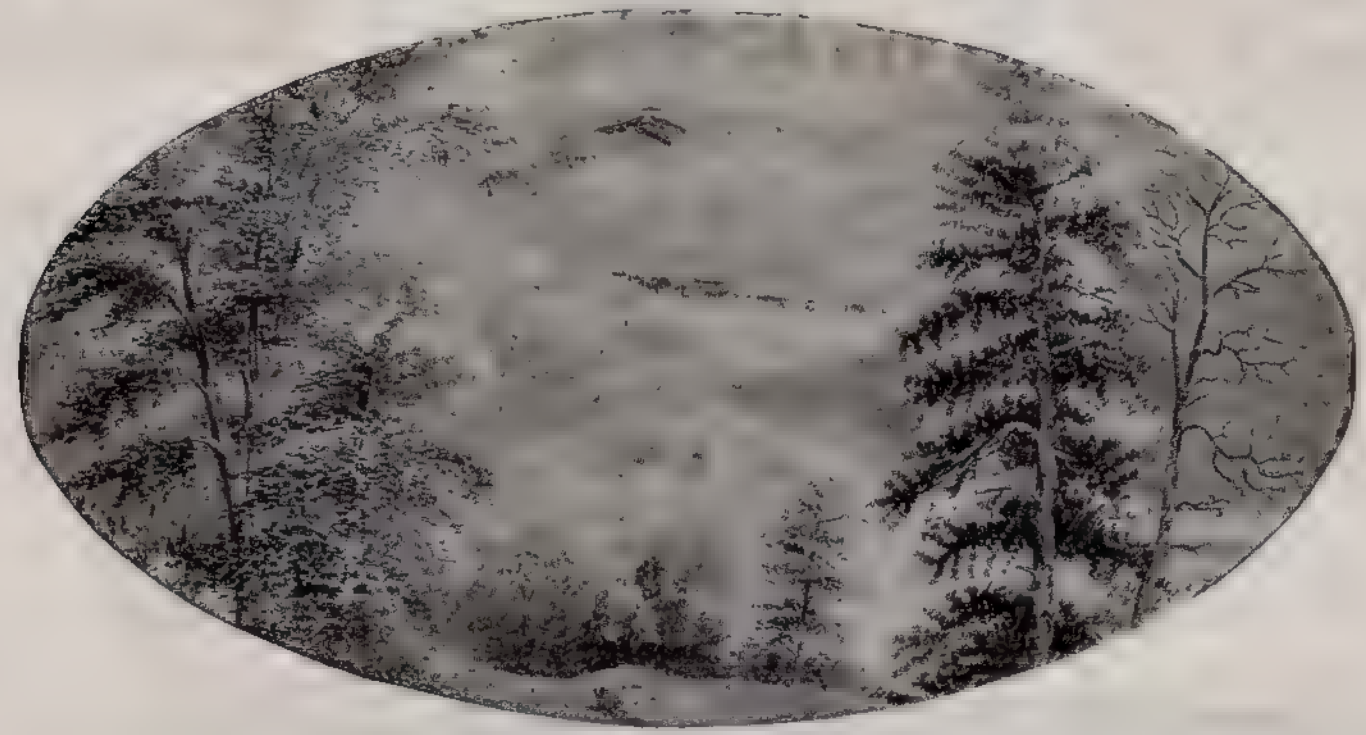
THE MORGAN FURNITURE CO. 58 Granger St., Buffalo, N. Y.

Modern Art Grilles. Standing Screens. Decorative Furniture. Special Wood Mantels. Cabinet Interiors.

THE NEW TRANSCONTINENTAL LINE,

GREAT NORTHERN RAILWAY,

Stretches in unbroken length from St. Paul to Pacific Ocean.



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Presenting the most sublime and majestic panorama of natural scenery in the world. It offers round-trip tickets to Montana, Washington, California and Pacific Coast points, with choice of return by a different route. Round-trip tickets to China, Japan, Australia and Hawaii.

Every comfort and luxury of modern travel characterizes the equipment of the GREAT NORTHERN RAILWAY.

SEND FOR DETAILED INFORMATION.

F. I. WHITNEY, G. P. & T. A., W. W. FINLEY, Gen. Traffic Mgr., ST. PAUL, MINN.

THE ILLUSTRATED
LONDON NEWS.

A MEDITERRANEAN TRIP IN WINTER.

IT was once truly said that "All roads lead to Rome," but to-day we may make a reversed proverb, and declare that "one road leads everywhere." That universal highway is old Father Neptune's salt water turnpike. You *must* take his road if you mean to see new lands, and, if you are a true American, you either have seen the Old World or will go abroad as soon as you can.

The turtle and the snail are poor models for speed, but show their good sense in one respect—when traveling, they take their dwellings with them. You may travel with the speed of the sea-gull, and take your shelter and home comforts with you. How? Travel by ocean-steamer *all the way*. A trip abroad is interesting, however made; but it may be comfortable and restful as well. Changes, transfers, and shifting of baggage may be avoided, and that while visiting the most delightful and most impressive cities of the world.

Palace-cars ashore and steam-yachts at sea are millionaire's luxuries; yet all the comfort these can offer is found in modern ocean-steamers of the first class. The German Mediterranean Service, maintained by the North German Lloyd Steamship Company, and the Hamburg-American Line, is the only direct line of first-class steamers between America and the Mediterranean.

Upon its shores, as every Vassar graduate knows (it is time Macaulay's schoolboy made way for his feminine successor), flourished the unfathomed ages of old Egypt, the glories of Rome and of Greece, and the commerce of far Cathay. From this blue sea, the traveler finds ready access to the regions of the Old World that retain the antiquity we seek in going abroad.

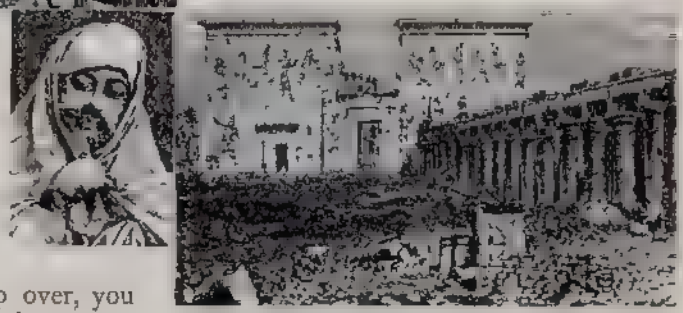
Escaping the fogs, cold winds, and more frequent storms of the Northern Atlantic, the sea-voyage of five days brings the traveler within sight of the Azores, long the western boundary beyond which no mariner ventured. Rested and refreshed by the sepa-

ration from home cares, stimulated by new scenes and new acquaintances, the next three days of coasting along Portugal, passing Capes St. Vincent and Trafalgar, make the traveler eager to land when the eighth day finds him at the gate of the Mediterranean — the great rock of Gibraltar, one of the "Pillars of Hercules."

Inaccessible on all but the fortified westside, this great lion-shaped fortress guards the strait effectively, and well typifies the British lion watching over his eastern possessions. The rock-galleries and ramparts may be visited, and the view from the highest point of rock is superb.

The steamer remains here for several hours, giving time to see the principal features.

You may leave your steamer here and remain longer, resuming your journey upon another vessel of the line. The winter months are best for this part of the trip, since summer heat here is often oppressive. If you stop over, you will find it possible to make a side journey to Morocco or in Southern Spain. The interesting old port of Tangier, for instance, has excellent hotels, and yet a few steps from their comfort one can see that life with which the "Arabian Nights" have made all familiar. Crossing from Tangier to Cadiz, or directly from Gibraltar to the railway station of Algeciras, you find yourself living real "Sevillian" days and may see the Cathedral, whose exquisite Giralda tower, the finest in Spain, suggested that of the Madison



Square Garden, New York. Seville was once the capital of Spain, and is full of antiquities — Roman and Moorish. From Seville to Cordova, thence to Granada and its Alhambra, and, by way of Malaga, back to Gibraltar, is a journey that will make real some castles in

Spain and the remembrance of them will be a priceless possession for ever after.

Of course it is impossible here to give more than a list of suggestive —perhaps tantalizing—names. If you wish to plan your own routes, you should write to the *North German Lloyd*, or the *Hamburg-American line*, New York, for fuller details.

From Gibraltar, your steamer goes on to Algiers, whose French masters make the new town a comfortable resting resort for even the invalids attracted by its equable, dry climate, while Arabs, Moors, Turks, Kabyles, and negroes lend picturesqueness to the old upper town. Henry Blackburn says, "For artists, Algeria seems perfect," and he advises "all who seek a new sensation" to "pay a visit to the 'city of pirates,' to the diamond set in emeralds on the African shore." Dumas, too, has sung its praises.

After a week or two in Spain or Africa, the traveler may resume the steamship journey, and sail past Capri, Procida, and Ischia, into the most beautiful harbor of the world — the bay of Naples, over which towers the sullen crater of Vesuvius. The tourist who has a quick eye for the picturesque in costume or incident will find Naples a veritable horn of plenty. The inhabitants live in the open air, and nowhere is there a race more animated and expressive in gesture.

All about he famous cities and towns: Posilippo, with its tomb of Virgil; Castellamare; Sorrento, celebrated as the birthplace of Tasso, and for its scenery; Pozzuoli, with its Grotto del Cave; Baiæ, where rich Romans had their

country-houses; Misenum, Portici—the whole region is history made manifest.

Upon the slopes of the volcano, Pompeii and Herculaneum, the fossil cities, would in themselves richly reward a lifetime of study. And Capri, with its unique blue grotto, Salerno and Paestum, will well repay the tourist.

But all about lies sunny Italy, and a journey of five hours by railway will bring the tourist to old Rome herself—the Eternal City, still the capital of the world, and the home of art, religion, and history. It is hardly necessary to advertise Rome. To describe the attractions of Rome in a few words would be equivalent to packing the great pyramid into a gripsack. But it can do no harm to remind the reader of a half-dozen names, leaving his imagination to suggest the realities they represent.

The Colosseum, St. Peter's, the Vatican, the Capitol, the Forum, the Baths, the Pantheon, the Tiber,—if it is part of a liberal education to *read* of these things, how much more important to *see* and really *know* them!

Genoa "the superb," where palaces crowd one another along the old streets, and are enriched with sculpture and paintings, was from the eleventh to the eighteenth century the capital of a powerful republic, and the city to-day is grand and imposing. Besides its own attractions, Genoa offers the advantage of being an excellent point from which to connect by rail or sea with Nice, Mentone, San Remo, Florence, or Venice. You may also, from Naples or from Genoa, as you choose, go by steamer to Egypt or the Holy Land, and revel in ruins and the past.

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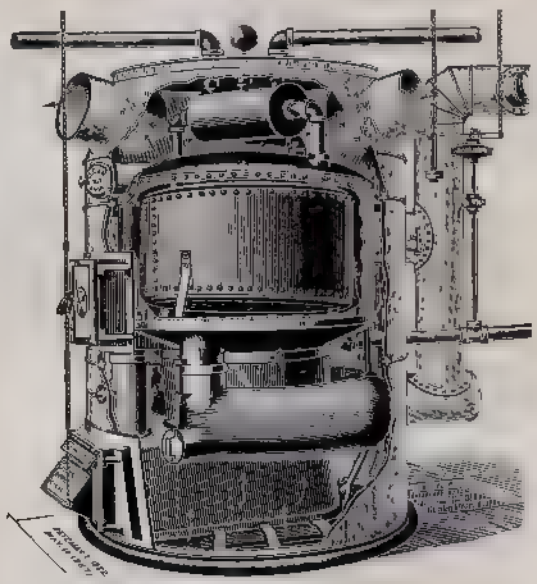

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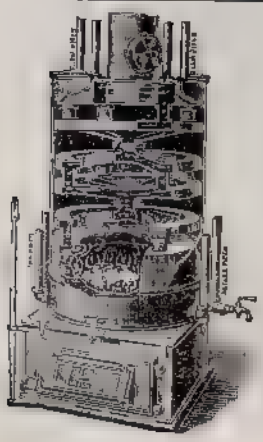

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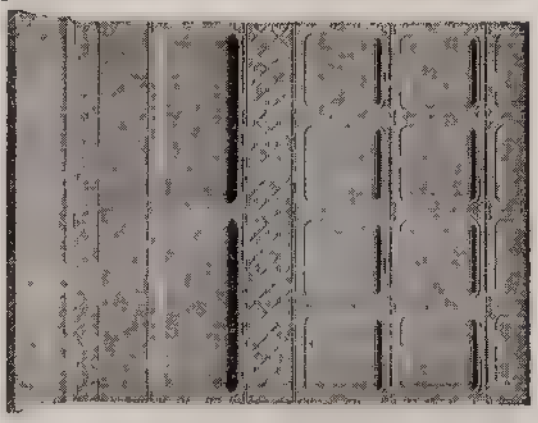

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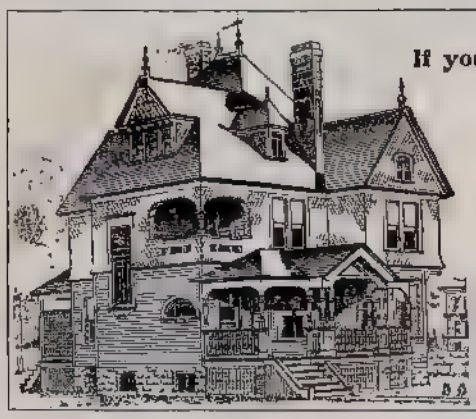

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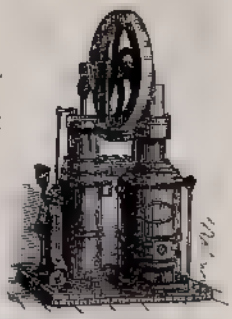

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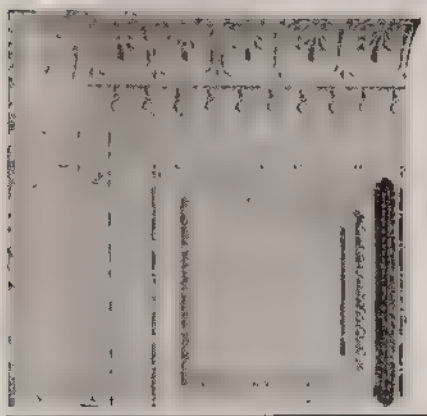

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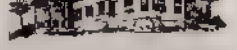

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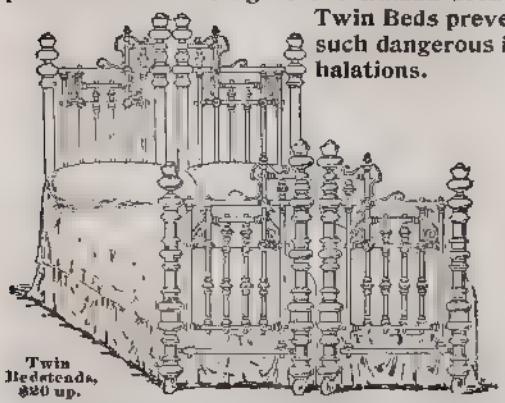
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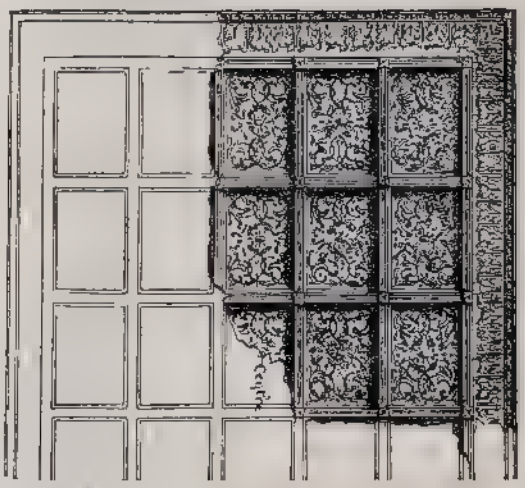

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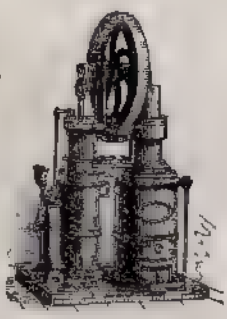

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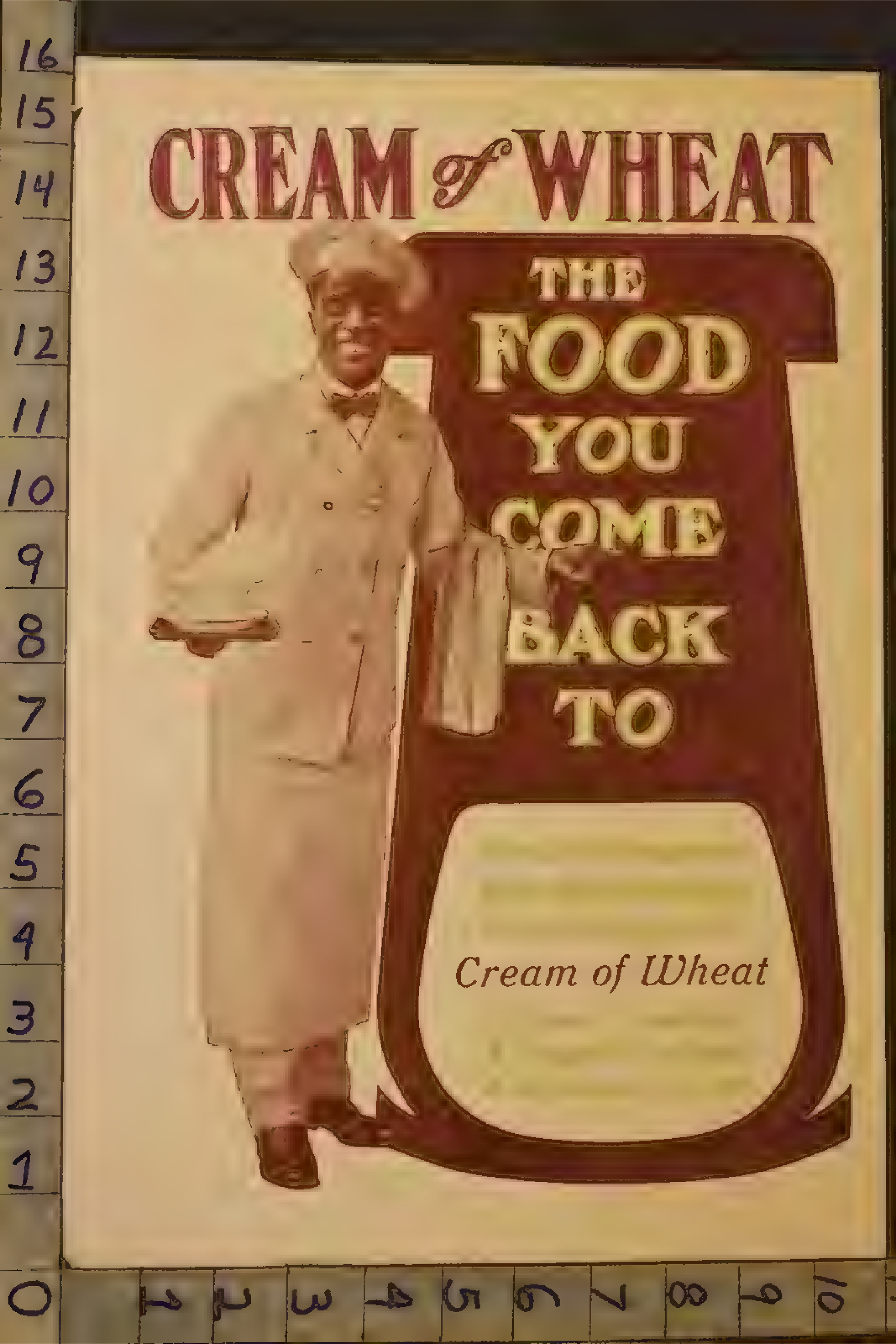
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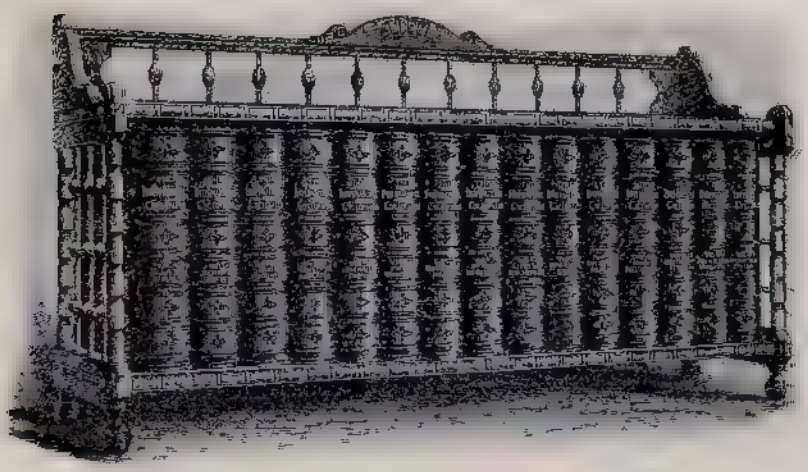

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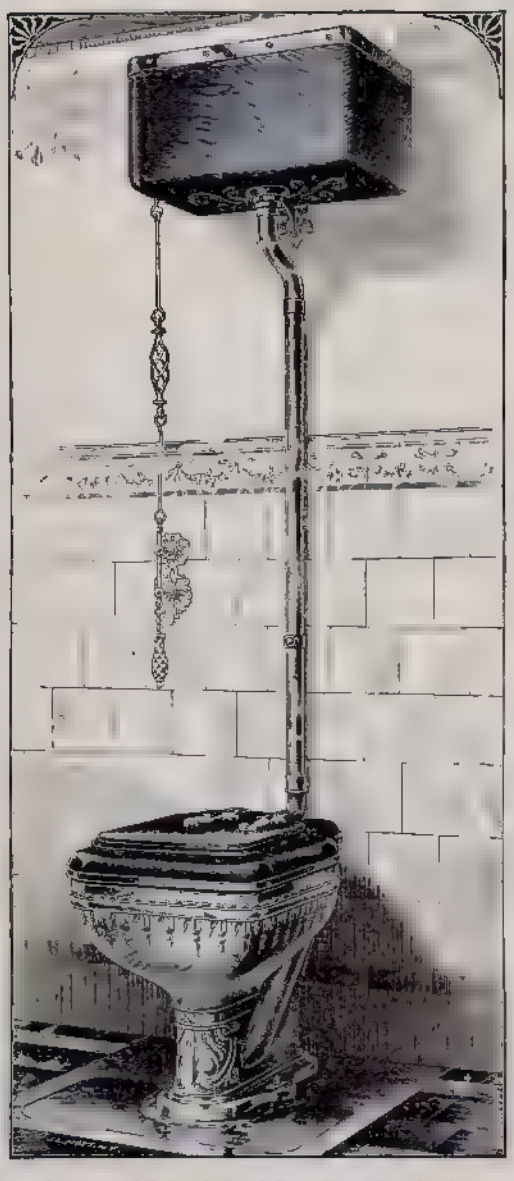

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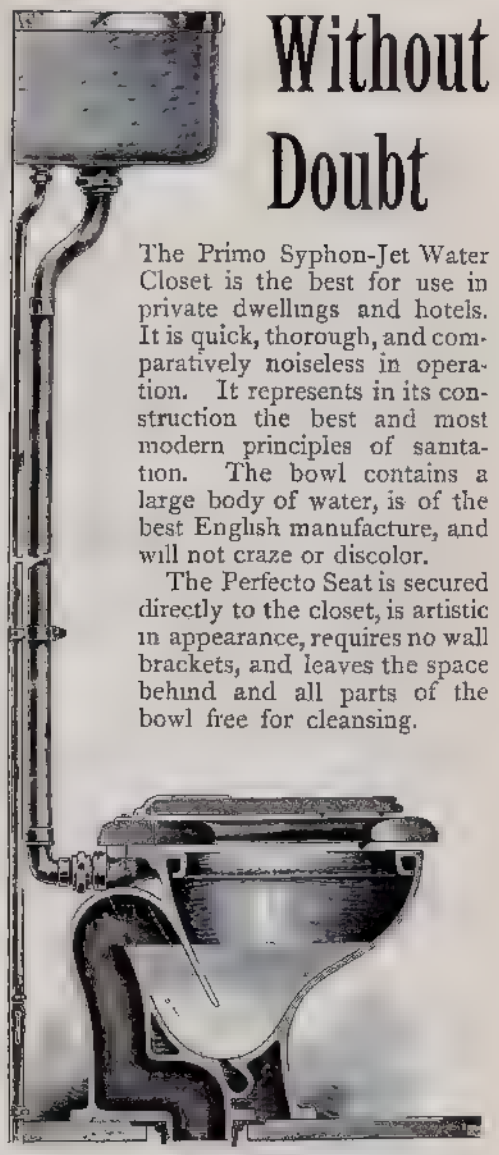

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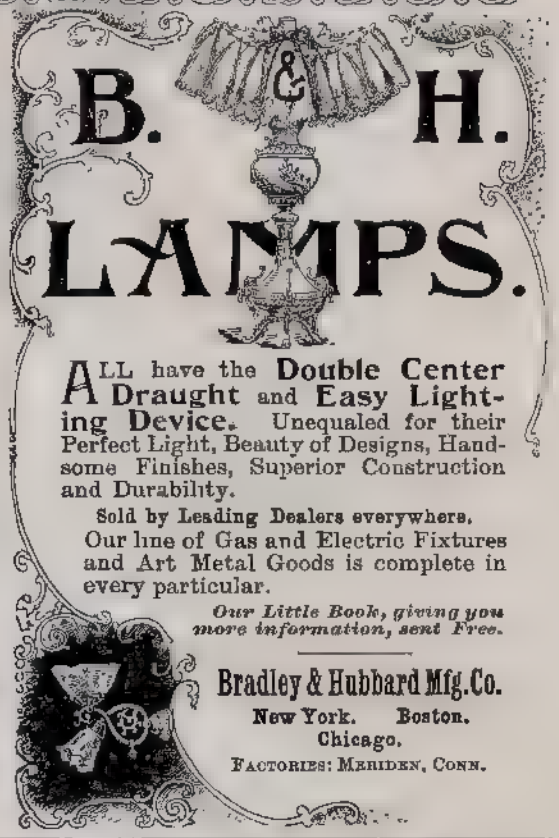

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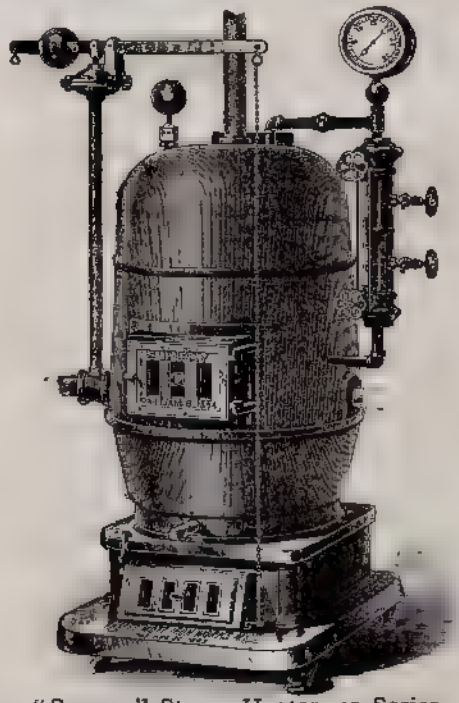

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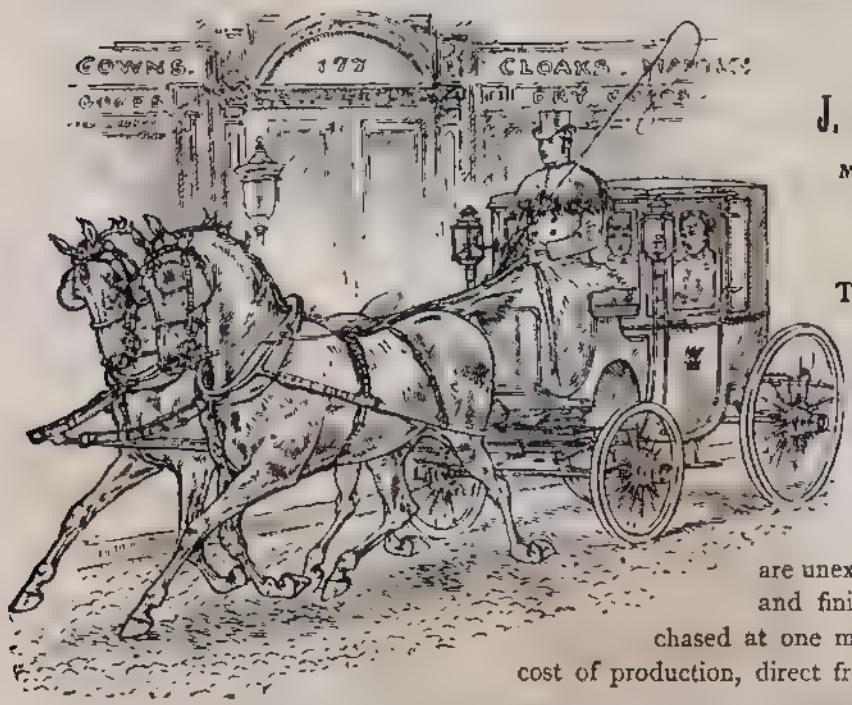

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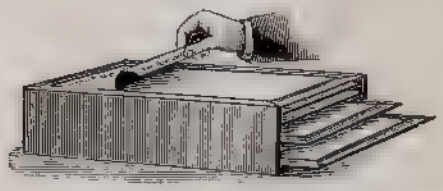

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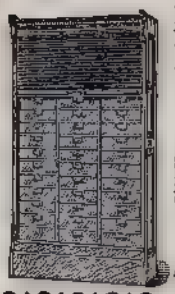

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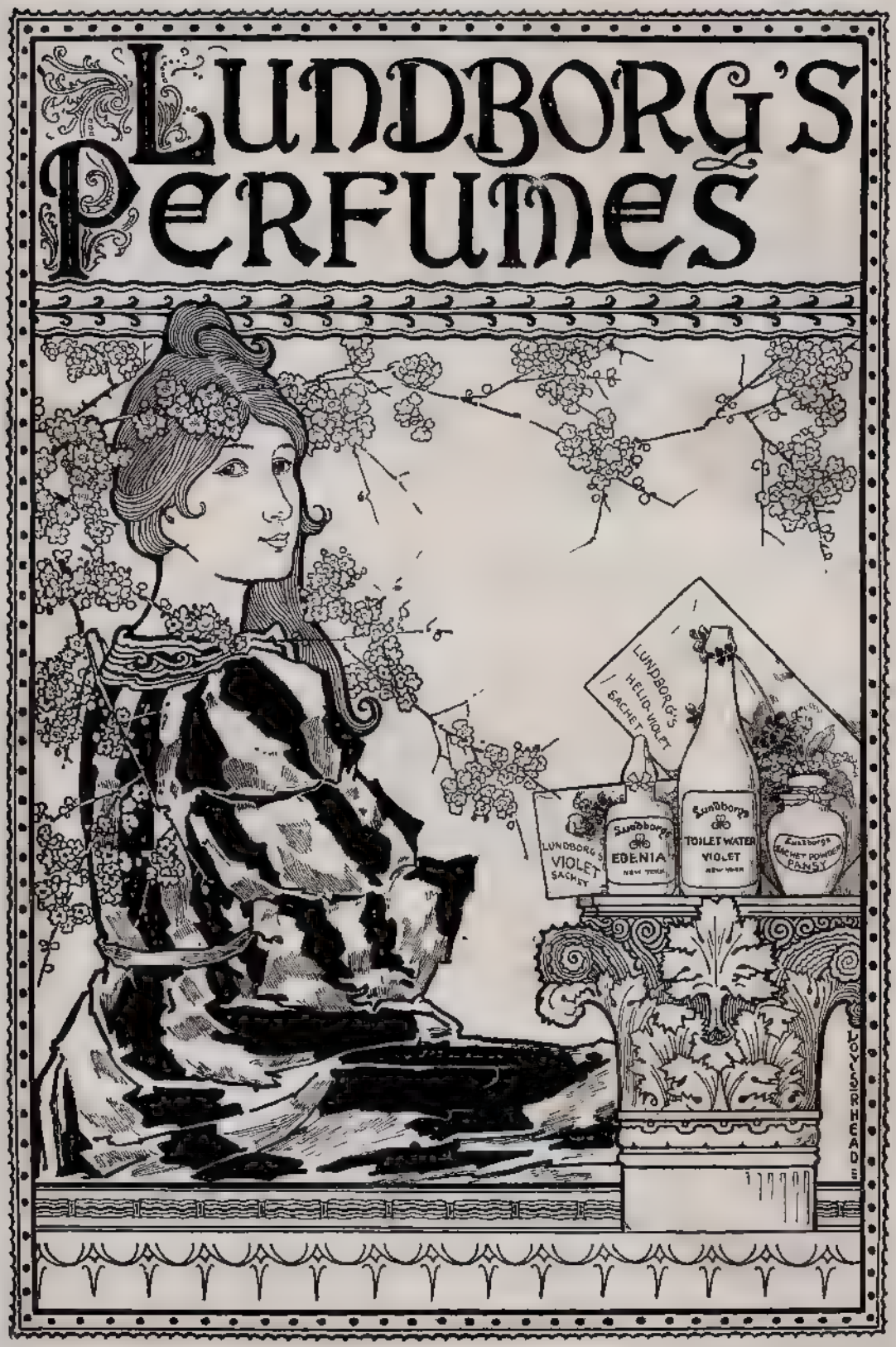
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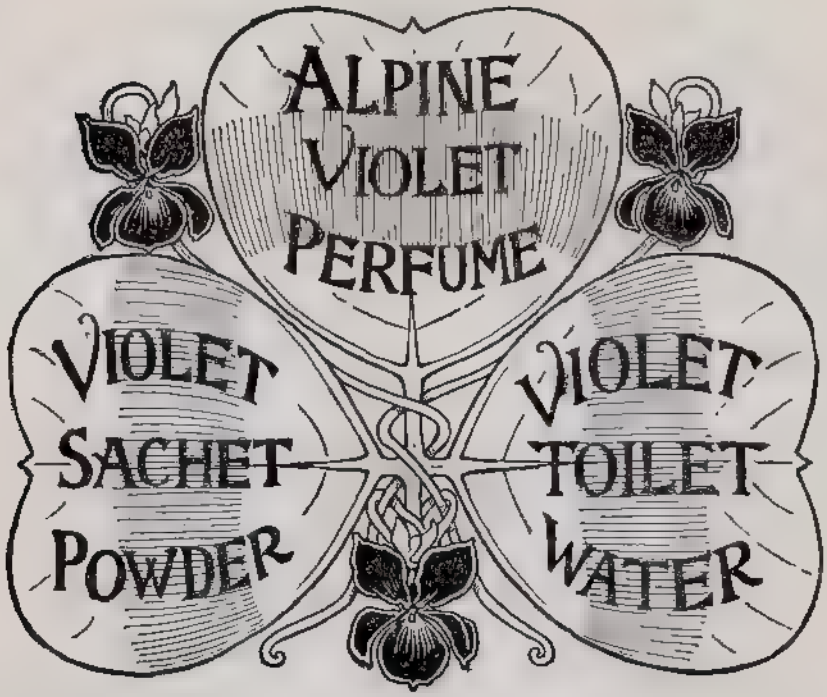

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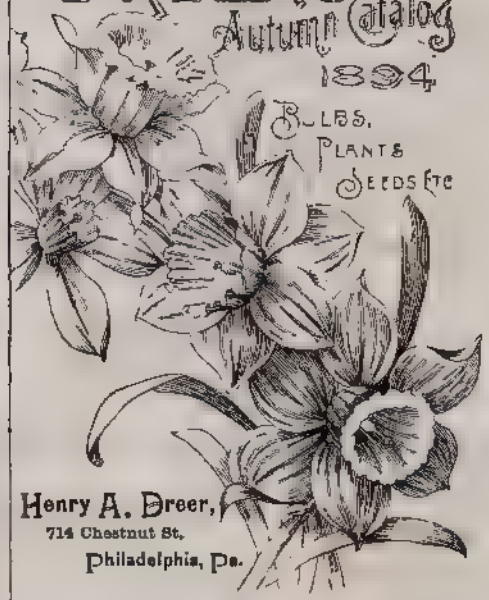

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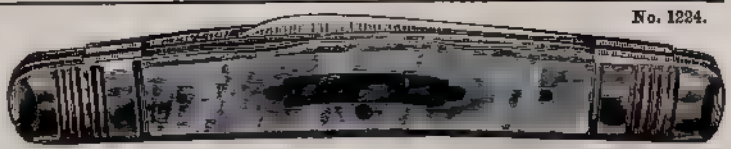

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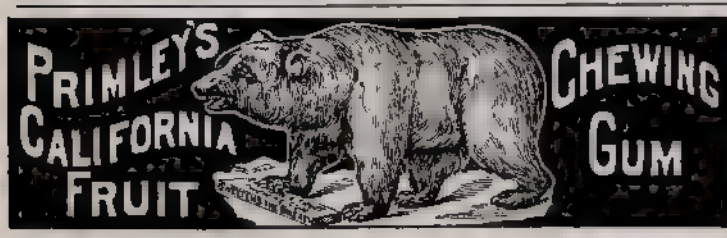

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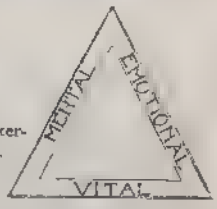

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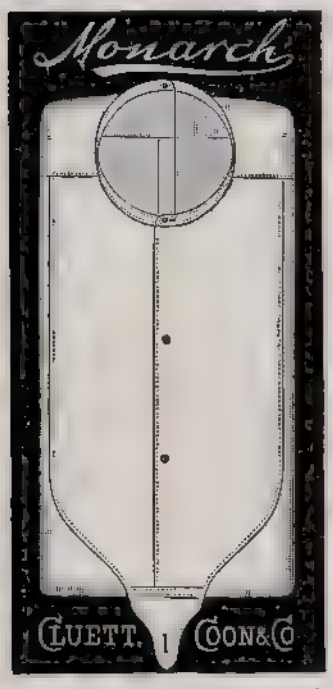

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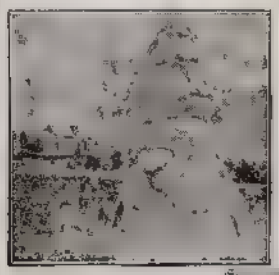

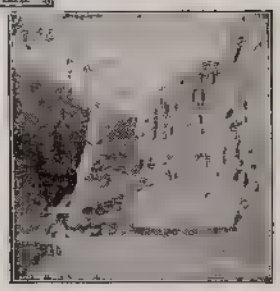

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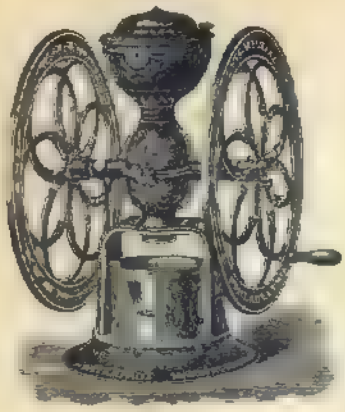
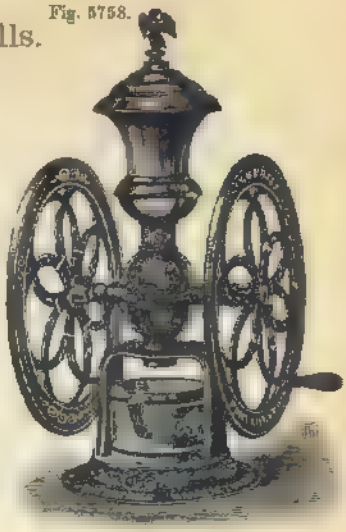
Fig. 5757



No. 2½

Fig. 5758.



No. 4

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00	$ 1 25	9½	8	¼ oz.	¼ oz.		Iron.	$ 0 50	
0	1 50	9½	6½	¼ "	¼ "		"	50	
1	2 00	12½	9½	¼ "	6 "		"	75	
2	3 00	12½	15	¼ "	6 "	6½	"	75	
2½	4 00	15	13½	¼ "	6 "	8½	Nickel-plated.	75	
3	5 00	15	22½	¼ "	8 "	10½	Iron.	75	
4	8 00	20½	21½	1 lb.	8 "	10½	Nickel-plated.	75	
5	8 00	17	36	¾ "	¾ lb.	12½	Iron.	1 00	.....
6	12 50	24	35	1¾ "	¾ "	12½	Nickel-plated.	1 00	.....
7	10 00	21½	62	1½ "	1 "	17	Iron.	1 00	...
8	16 00	27	59	2½ "	1 "	17	Nickel-plated.	1 00	...
9	16 00	24	101	3 "	1½ "	19½	Iron.	2 00	$ 8 00
10	24 00	28	102	4½ "	1½ "	19½	Nickel plated.	2 00	8 00
12	22 00	32	141	5 "	1½ "	25	Iron.	2 00	8 00
14	39 00	42	128	7½ "	1½ "	25	Nickel-plated.	2 00	8 00
16	36 00	63	250	6½ "	1½ "	31	Iron.	2 00	8 00
19	75 00	75	354	10 "	2 "	40	Nickel plated.	2 00	9 00
20	100 00	84	475	16 "	2 "	47	" "	2 00	9 00
209	20 00	33	136	5 "	1½ "	25	Iron.	2 00	8 00
210	25 00	37	143	4½ "	1½ "	25	Nickel plated.	2 00	8 00
212	28 00	43	210	6½ "	1½ "	31	Iron.	2 00	8 00
214	30 00	44	[illegible]	7½ "	1½ "	31	Nickel plated.	2 00	8 00
216	40 00	68	320	6½ "	1½ "	35	Iron.	2 00	9 00
218	45 00	69½	307	7½ "	1½ "	35	Nickel-plated.	2 00	9 00

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Coffee and Spice Mills.

ENTERPRISE.

Fig. 5748.

No. 0, Side

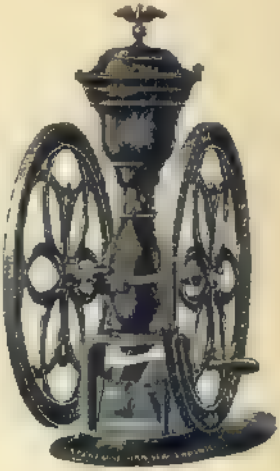
Fig. 5749.

No. 0, Table

Fig. 5750.

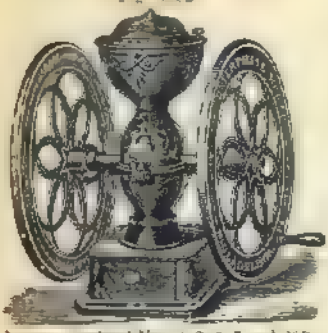
No. 1

Fig. 5751.



No. 212

Fig. 5752



No. 4. Style of Nos. 2, 3, 5, 7 and 209.

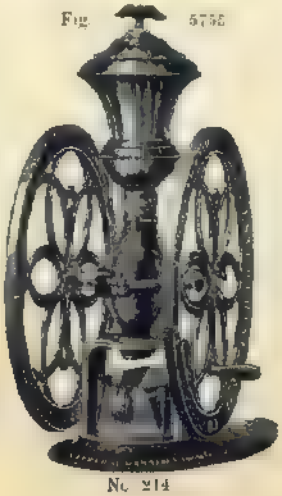
Fig. 5753

No. 8. Style of Nos. 24, 6, 10 and 210

Fig. 5754

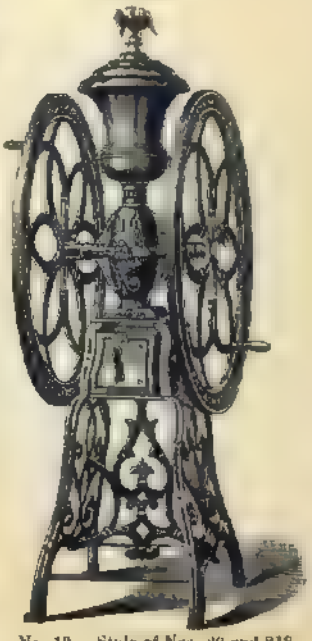
No. 16. Style of No. 216.

Fig. 5755



No. 214

Fig. 5756.



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" 2 2 " 6 x 8 x 8 .. " 15 00
" 3 3 " 6 x 11 x .. ... " 21 00

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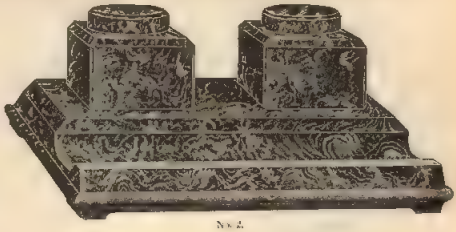

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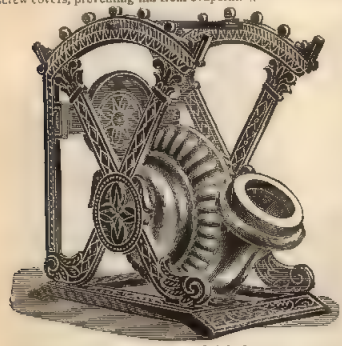
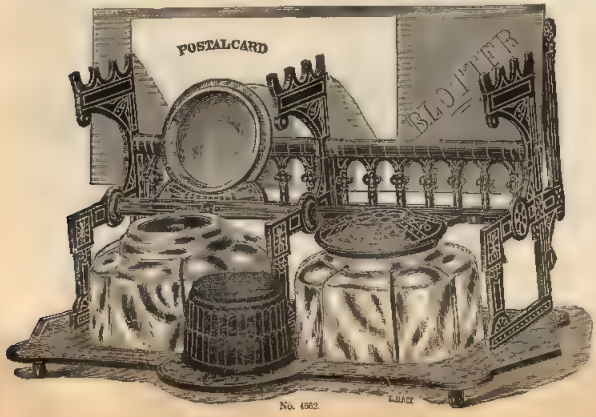


No. 4436. Length 4 inches, width 2¼ inches, maroon finish, 3 in box.....per doz., $2 15

No. 4606. Length 5 inches, width 3½ inches, maroon finish, 1 in box, per dozen $2 90

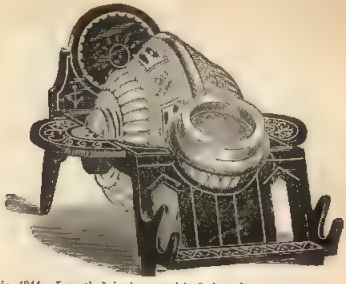


No. 4562.

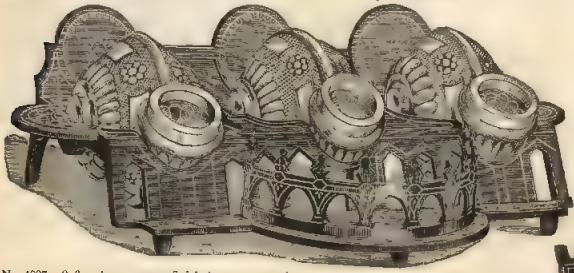
TRAVELING INKS.

No. 1043. Leather covered, ½ dozen assorted in box per doz., $1 50
No. 1001. Leather covered, ½ dozen, assorted in box. per doz., 2 00
No. 1022. Leather covered, ½ dozen assorted in box. per doz., 4 00
No. 1033. Leather covered, ½ dozen assorted in box . per doz., 4 50
No. 4656. One well only, length 8 inches, nickel and blue finish, with penwiper.....per doz., 15 00
No. 4662. Length 9 inches, width 5 inches, nickel and blue finish, with penwiper.....per doz., 18 00
No. 4642. Length 9 inches, width 5 inches, maroon finish, 2 wells, per dozen. . .. 8 50

No. 4614. Length 7¼ inches, width 3½ inches, maroon finish, 1 in box per dozen $5 25
No 4626. Length 7¼ inches, width 3½ inches, nickel or blue finish, 1 in box . . . . . per doz., 10 00



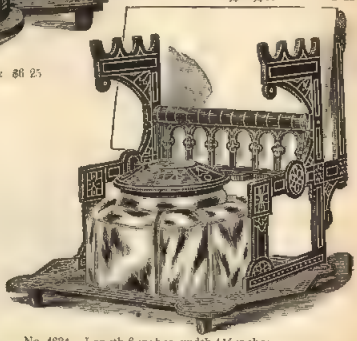
No. 4344. Length 5 inches, width 8½ inches, maroon finish, 3 in box... . . . .per doz., $2 00



No. 4097. 8x6 inches, maroon finish, brass pen rack . . . . . per doz $6 25

SAFETY INKSTAND.

No. 1. Small, round, 2¼x2½ per doz., $3 50
" 2. " " 2¼x2¼ .. " 5 25



No. 4634. Length 6 inches, width 4½ inches, maroon finish, 1 in box..... .....per doz., $4 25

No. 4352. Length 9 inches, width 6½ inches, ebony and gold finish, brass pen racks . per doz., $9 50

No. 60. 2½x2½, metal hinge, cover japanned .....per doz., $1 50

LEMON SQUEEZERS.

Fig. No. D3836

PER DOZEN.

No. 1—**Maplewood, Plain,** 11 in., **without Porcelain Lining,** $2.25

Six Dozen in a Box.

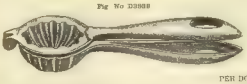
Fig. No. D3837

PER DOZEN.

No. 2—**Maplewood, 9 in., Porcelain Lined,** $7.25

One-third Dozen in a Package.

Fig. No. D3838



PER DOZEN.

No. 14—**Leader,** Malleable Iron, **Tinned,** 8 in., $6.00

One Dozen in a Box.

Fig. No. D3839

PER DOZEN

No. 3—Malleable Iron, **Japanned, Porcelain Cup,** 9 in., ... $7.75

Packed Loose.

Fig. No. D3840.

Boss Pattern.

PER DOZEN.

No. 4—**Boss Pattern,** Malleable Iron, **Tinned,** 9 in., $5.25

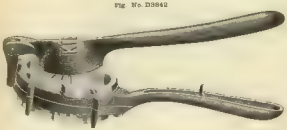
Fig. No. D3841

PER DOZEN.

No. 5—**Star,** Malleable Iron, **Tinned,** 10 in., . $4.00

One-half Dozen in a Box.

Fig. No. D3842



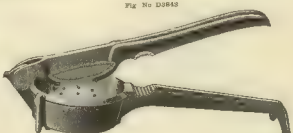
PER DOZEN.

No. 2K—**King,** Malleable Iron, **Japanned,** 10 in., Heavy **Glass Cup,** $6.50

Extra Glasses for No. 2K, ... 2.00

One Dozen Frames and One Dozen Glasses each in a Wooden Box. Six Dozen in a Case.

Fig. No. D3843



PER DOZEN.

No. 3D—Malleable Iron, **Japanned, 9 in., Porcelain Cup,** $4.25

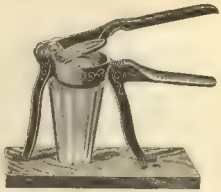
Four Dozen in a Case.

SIMMONS HARDWARE COMPANY

LEMON SQUEEZERS.

Fig No D3844

Fig No D3845



PER DOZEN.

No. 8 - All Glass, Reamer and Strainer Combined, $2.50

One-half Dozen in a Box. One Gross in a Case.

PER DOZEN.

No. 1D—Malleable Iron, Japanned, Porcelain Cup, on Stand, without Glass, . . . $15.00

One Dozen in a Case.

Fig No D3840

PER DOZEN.

No. 1J - Little Giant, Japanned, Iron Handle, ... $6.00

One-half Dozen in a Box.

Fig No D3847

Fig No D3848

PER DOZEN.

No. 22 - Little Giant, Tinned, Iron Handle, with Cover, ... $9.80

One-half Dozen in a Box.

PER DOZEN.

No. 200—Little Giant, Nickel Plated, Wood Handle, with Cover, . . . $37.50

One-twelfth Dozen in a Box.

Fig No D3849

PER DOZEN.

No 70—"Rapid", Nickel Plated, Cup and Cone are covered with **Sheet Aluminum Metal,** which is not affected by the Acid of the Lemon, ... $60.00

One-twelfth Dozen in a Box.

QUADRUPLE SILVER PLATED WARE.

Illustrations are Half Size.

No. 243. Shaving Mug.
Embossed. Gold Lined $7.80
Shaving Brush. Embossed... .. ... 4 20

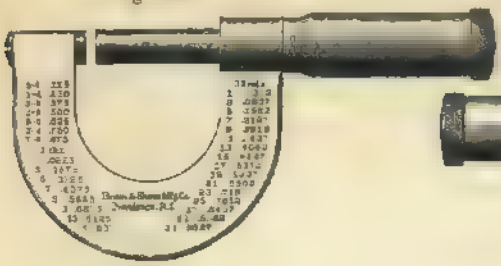
No. 3428. Shaving Mug.
Embossed. Gold Lined... ..... .$7 20
Shaving Brush. Embossed 4.20

No. 1983. Shaving Mug.
Embossed. Gold Lined .. ..$6.[illegible]
Shaving Brush. Embossed..... . .. 4.[illegible]

No. 242. Shaving Mug.
Satin Engraved. Gold Lined $7.20
Shaving Brush. Satin Engraved 4 20

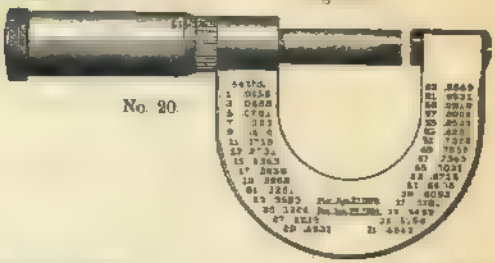
Micrometer Calipers.

Fig. 1200.



No. 19.

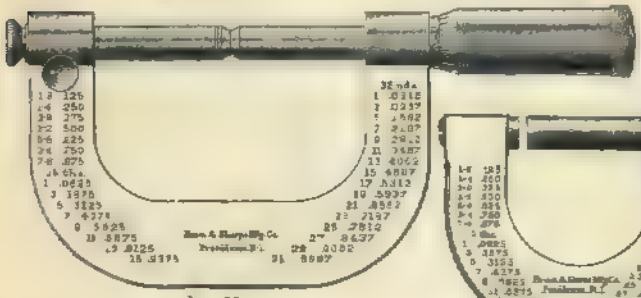
Fig. 1201.



No. 20.

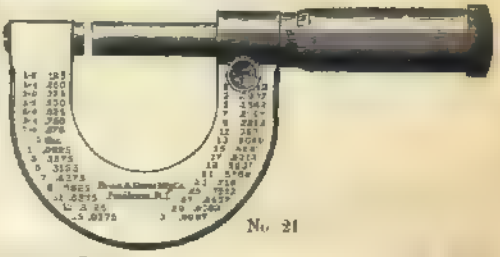
No. 19,	D. B. & S.,	Opens 1 inch,	Reads to	.001 inch,	Square Points,		each,	$5 00
19,	"	" 1	"	.001 "	in Morocco Case,		"	5 75
20,	"	" 1	"	.0001 "	Square Points,		"	6 00
20,	"	" 1	"	.0001 "	in Morocco Case,		"	6 75

Fig. 1202



No 30

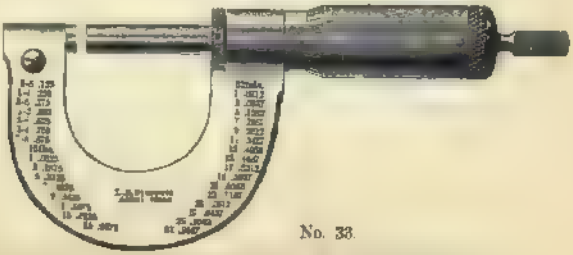
Fig. 1203.



No. 21

No. 21,	D. B. & S.,	Opens 1 inch,	Reads to	.0001 inch,	Square Points,		each,	$6 50
21,	"	" 1	"	.0001 "	in Morocco Case,		"	7 25
30,	"	" 2	"	.001 "	Square Points,		"	8 00
30,	"	" 2	"	.001 "	in Morocco Case,		"	9 00

Fig 1204.

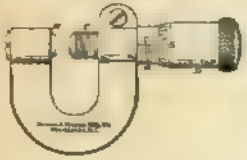


No. 33.

No. 33,	Starrett's "Speeded Screw".	Opens 1 inch,	Reads to	.001 inch,	Square Points,		each,	$6 00
33,	"	" 1	"	.001 "	in Morocco Case,		"	6 50

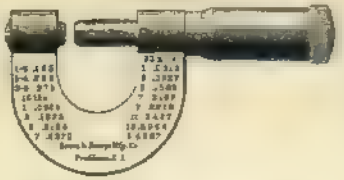
Micrometer Calipers.

Fig. 1193



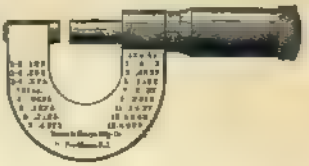
No. 1.

Fig. 194.



Nos. 2 and 3.

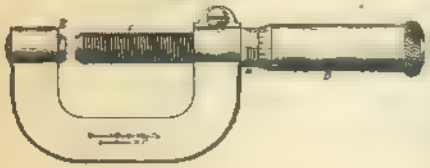
Fig. 1195



No. 4.

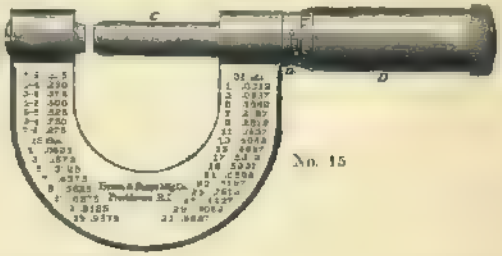
No. 1,	D. B. & S.,	Opens	$\frac{1}{10}$	inch,	Reads to	.001 inch,	Beveled Points,	each,	$4 00
1,	"	"	$\frac{1}{10}$	"	"	.001 "	in Morocco Case,	"	4 50
2,	"	"	$\frac{1}{5}$	"	"	.001 "	Beveled Points,	"	4 50
2,	"	"	$\frac{1}{5}$	"	"	.001 "	in Morocco Case,	"	5 00
3,	"	"	$\frac{1}{5}$	"	"	.0001 "	Beveled Points,	"	5 50
3,	"	"	$\frac{1}{5}$	"	"	.0001 "	in Morocco Case,	"	6 00
4,	"	"	$\frac{1}{5}$	"	"	.001 "	Square Points,	"	4 50
4,	"	"	$\frac{1}{5}$	"	"	.001 "	in Morocco Case,	"	5 00

Fig. 1190



No. 8.

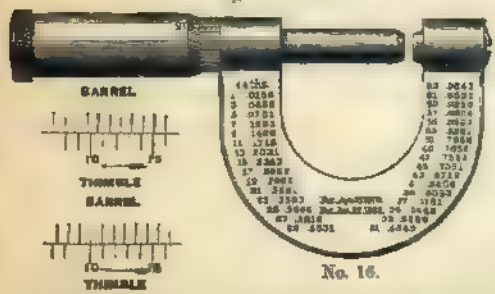
Fig. 1.97



No. 15

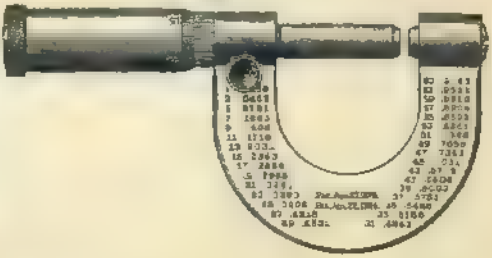
No. 8,	D. B. & S.,	Opens	1	inch,	Reads to	.001 inch,	Beveled Points,	each,	$4 50
8,	"	"	1	"	"	.001 "	in Morocco Case,	"	5 00
15,	"	"	1	"	"	.001 "	Beveled Points,	"	5 00
15,	"	"	1	"	"	.001 "	in Morocco Case,	"	5 75

Fig. 1198.



No. 16.

Fig. 1199.

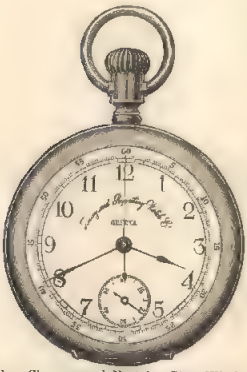


Nos. 17 and 18.

No. 16,	D. B. & S.,	Opens	1	inch,	Reads to	.0001 inch,	Beveled Points,	each,	$6 00
16,	"	"	1	"	"	.0001 "	in Morocco Case,	"	6 75
17,	"	"	1	"	"	.001 "	Beveled Points,	"	5 50
17,	"	"	1	"	"	.001 "	in Morocco Case,	"	6 25
18,	"	"	1	"	"	.0001 "	Beveled Points,	"	6 50
18,	"	"	1	"	"	.0001 "	in Morocco Case,	"	7 25

TIMING AND REPEATING WATCH COMPANY CHRONOGRAPHS.

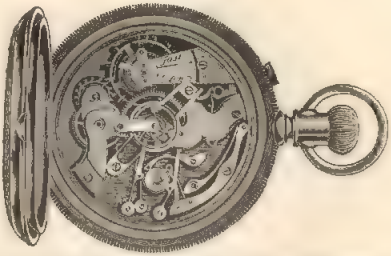
SIMPLE — DURABLE — RELIABLE — ACCURATE.



Open Face Chronograph Watch. Stem Winder and Stem Setter, with Independent Attachment Registering ½ seconds. Start, Stop, and Fly-Back all Working from the Pendant. Lagrin's Patent. Waltham Model. ¾ Plate Gilt Movement. Quick Train. Expansion Cut Balance. Engine Turned Cases.

No. A Silver Case. 14 Jeweled Movement.....$35.00
No. B. " " 16 " " Pat. Regulator..... 45.00
No. C. 15 Yr. Gold Fld. Case. 14 Jewl Mov't 45.00
No. D. 15 " " " " 16 " " Pat. Regulator..... 55.00
No. E. 20 Yr Gold Fld. Case. 14 Jewel Mov't. $51.00
No. F. 20 " " " " 16 " " Pat. Regulator..... 61.00
No. G. 14K Solid Gold Case. 14 Jewel. Mov't.. 104.00
No. H. 14K " " " 16 " " Pat. Regulator..... 114 00

SPLIT SECOND CHRONOGRAPHS.



Open Face SPLIT SECOND Chronograph Watch. Stem Winder and Stem Setter, with Independent Attachment. Registering ½ seconds. Start Stop, and Fly-Back, all working from the Pendant. Independent SPLIT SECOND, operating close to the Pendant. Will time one or more horses, and at different posts. Lagrin's Patent. Waltham Model ¾ Plate. Gilt Movement. Quick Train. Expansion Cut Balance. Sunk Second Dial. Engine Turned Cases. **With and Without Minute Register.**

WITH MINUTE REGISTER.

No. B 4. Silver Case. 18 Jeweled Movement....$98.00
No. D 4. 15 Year Filled Case. 18 Jewl. Move't.. 118.00
No. F 4. 20 " " " 18 " " 124.00
No. H 4. 14 K Solid Gold " 18 " " 180 00
No. J 4. 14K " " " 20 " "
Extra quality Nickel, 14 prs. Jewels in settings. 240 00

WITHOUT MINUTE REGISTER.

No. B 3. Silver Case. 15 Jeweled Movement....$84 00
No. D 3. 15 Year Filled Case. 15 Jewel. Move't.. 104 00
No. F 3. 20 " " " 15 " " 110.00
No. H 3. 14 K Solid Gold " 15 " " 172 00
No. J 3. 14 K " " " 17 " "
Extra quality Nickel, 14 prs. Jewels in settings. 240.00

HAND BELLS.

Silver Plated.

Fig No D3986

PER DOZEN.

No. 070—Silver Plated, Diameter at Mouth 2¼ in., . $6.50

Fig No. D3987

PER DOZEN.

No. 050 Silver Plated, Diameter at Mouth 2¼ in., . $7.00

Fig. No. D3988

PER DOZEN.

No. 093—Silver Plated, Diameter at Mouth 2½ in., . $10.00

One-half Dozen in a Package.

TEA BELLS.

Fig. No D3989

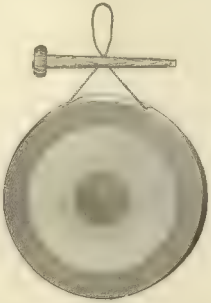
Tea Bells, Plain Polished, Enameled Wood Handle.

Nos., . . .	**4**	**6**	**7**
Diameter at Mouth, inches,	1⅞	2	2
PER DOZEN, . .	$3.00	2.50	3.50

One-half Dozen in a Package.

CHINESE GONGS.

Fig. No. D3990



Chinese Gongs, First Quality.

Inches, . .	**15**	**16**	**18**
EACH, . .	$15.00	16.00	18.00

Packed Loose.

EXCELSIOR INSECT POWDER GUN.
Per dozen $0 65

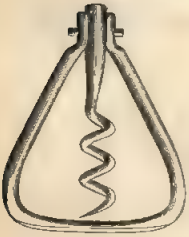
CORK SCREW.

No. 15. Assortment.... ....per doz. $0 75

Full Size Cut.

CROW CORK SCREW.

Strongest and most convenient. Can not get out of order.
No 112½ Crow Cork Screw, nickeled, per doz., net $5 00



No. 190 Per dozen, $0 75

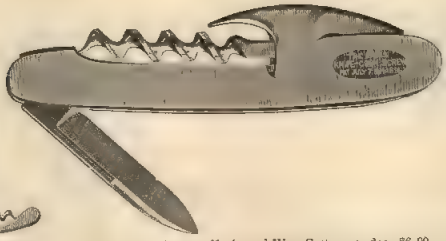
No. 220. Handy Handle, per doz.... . . ..$1 65

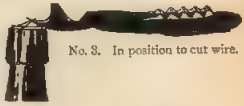
No 220

No. 60. Assortment.....per doz. $1 25

DAVIS POCKET CORKSCREW.

No. 2. In position to pull



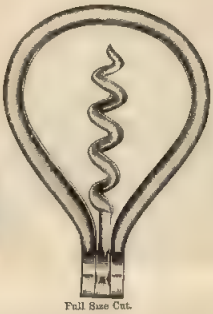


No. 3. In position to cut wire.

No. 2 Lever Corkscrew and Wire Cutter, per dozen $4 00

No. 3. Lever Corkscrew, Knife and Wire Cutter, per doz., $6 00

Puddefoot No. 1, per dozen..$2 00

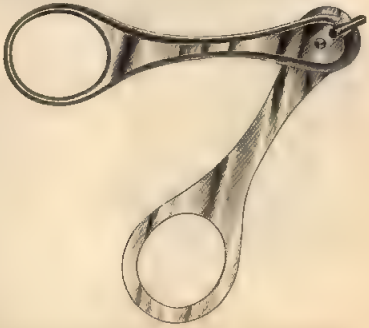


Full Size Cut.

No. 1916. All steel Corkscrew, very best made, screw rivet.....per doz., $1 85

Full Size Cut.

No. 6085. Fine steel Corkscrew, with lignumvitæ handle, per dozen.....$2 00



Champagne Wire Cutter, polished steel, works to perfection, per dozen..... $5 00

READ THE PREFACE BEFORE ORDERING.

DRAWING KNIVES.

Fig. No. D328

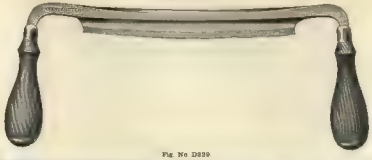
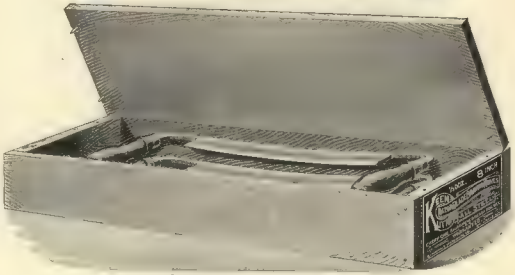


Fig. No. D329



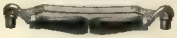
Cut showing Knives in Wooden Box.

Keen Kutter, Razor Blade.

Keen Kutter—All Steel, **Sharpened ready for use,** Extra Quality, Dark Polished Handles, Capped and Ferruled,	Inches,	**8**	**9**	**10**	**12**	**14**
	Per dozen,	$19.00	20.00	21.00	23 00	25.00

One-half Dozen in a Wooden Box.

Fig. No. D330



Cut showing Knife Folded.

Cut showing Knife Open.

Cantelo's, Folding Handle.

Cantelo's, Folding and **Adjustable Handle,** Solid Cast Steel, Razor Blade, ...	Inches,	**8**	**9**	**10**
	Per dozen, . .	$24.00	25.50	27.00

One half Dozen in a Box.

DRAWING KNIVES.

Fig No. D681

Standard, Razor Blade.

Standard, Cast Steel, Razor Blade, Heavy Ferrule, Capped Handles,	Inches,	7	8	9	10	11	12
	Per dozen,	$18.00	19.00	20.00	21.00	22.00	23.00

Ohio Tool Co.'s, Razor Blade.

Ohio Tool Co.'s, Cast Steel, Razor Blade, Black Walnut Handles, Heavy Ferrules,	Inches,	8	9	10
	Per dozen,	$19.00	20.00	21.00

Barton's.

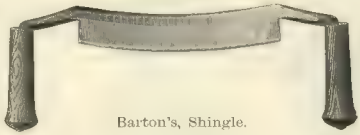
No. 85 Barton's Drawing Knives, Cast Steel, Razor Blade, Black Walnut Handles, Capped and Ferruled,	Inches,	7	8	9	10	12
	Per dozen,	$11 00	12.00	13.00	14.00	16 00
No. 86 Barton's Coach Knives, Cast Steel, Razor Blade, Black Walnut Handles, Capped and Ferruled,	Inches,	7	8	9	10	12
	Per dozen,	$12 00	13 00	14 00	15.00	17.00

Fig. No. D682

Farmers'.

Farmers', Cast Steel Blade, Black Walnut Handles,	Inches,	8	9	10
	Per dozen,	$14 00	15.00	16 00

Fig No. D683



Barton's, Shingle.

No. 89—Barton's, Shingle, Cast Steel Blade, Black Walnut Handles,	Inches,	10	12	14
	Per dozen,	$16 00	18 00	20.00

One-half Dozen in a Package.

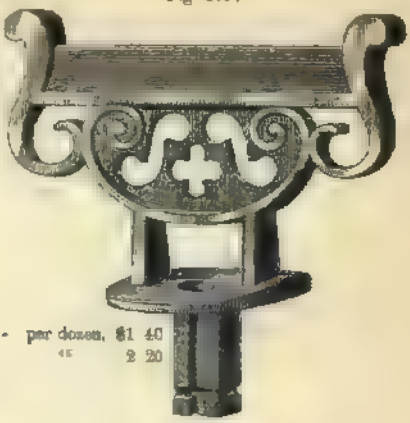
Foot Scrapers.

JAPANNED.

Fig 3796.

No. 2.

Fig 3797



No. 3.

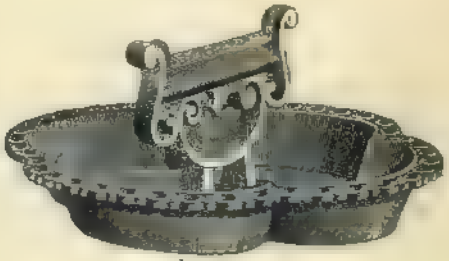
No. 2, Japanned, for Wood, - per dozen, $1 40
3, " " Stone, - - " 2 20

One-half Dozen in a Package.

Fig 3798

No. 1

Fig 3799



No. 10

No. 1, Japanned, for Wood, - - - - - - - per dozen, $1 20
10, " " with Dish, - - - - - " 5 00

No. 1, One-half Dozen in a Package No. 10, One-sixth Dozen in a Package.

Boot Jacks.

Fig 3800

Fig. 3801.

No. 3, Japanned, - - per dozen, $1 00 | No. 105, Adamantine Bronzed, - per dozen, $3 25

Porch Post Supports.

JAPANNED

Fig 3791.

No. 2.

Fig. 3792.

No. 4.

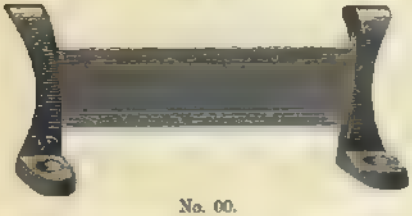
No. 2. Japanned, - - per dozen, $1 40 | No. 4, Japanned, - - per dozen, $1 05

In Bulk.

Foot Scrapers.

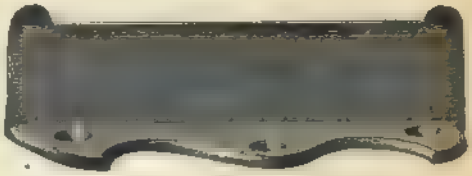
JAPANNED.

Fig 3793.



No. 00.

Fig. 3794.



No. 14

No. 00, Japanned, for Wood, - per dozen $0 66 | No 14, Japanned, for Wood, - per dozen, $1 00

One Dozen in a Package.

Fig 3795

No. 12, Japanned, Heavy, for Wood, - - - - - - per dozen, $2 25

One-half Dozen in a Package

Razors.

GEORGE WOSTENHOLM & SONS' CELEBRATED IXL

Fig. 537 1

No. 03647, ⅝ inch, Hollow Ground, Square Point, Black Rubber Handle, per dozen, $ 9 25
03648, ⅝ " Full Hollow Ground, Square Point, Black Rubber Handle, 13 20

One-half Dozen in a Box

Fig. 537 2

No. 03646, ⅝ inch, Full Hollow Ground, Square Point, Black Rubber Handle. per dozen, $17 [illegible]
03646 2, ⅝ " Hollow Ground, Square Point, Black Rubber Handle, 13 00

One-half Dozen in a Box

Fig. 53[illegible]

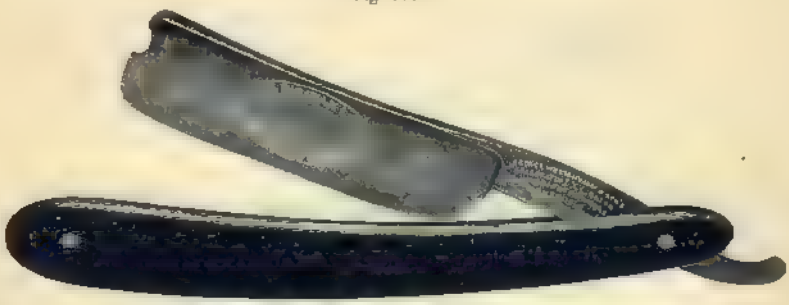
No. 03649, ⅝ inch, Full Hollow Ground, Square Point, Black Rubber Handle. per dozen, $1[illegible]

One-half Dozen in a Box

Razors.

GEORGE WOSTENHOLM & SONS' CELEBRATED IXL.

Fig. 5314



No. 03640, ⅝ inch, Hollow Ground, Hollow Point, Black Rubber Handle, - - per dozen, $12 00

One-half Dozen in a Box.

Fig. 5315.

No. 03651 ⅝ inch, Frame Back, Hollow Point, Black Rubber Handle, - per dozen $12 00

One-half Dozen in a Box.

JOS. RODGERS & SONS'

Fig. 5316.

No. 2474, ⅝ inch, Hollow Ground, Flesh Point, Black Rubber Handle, - per dozen $6 95

One half Dozen in a Box

SIMMONS HARDWARE COMPANY

GONG BELLS.

Fig. No. D2941

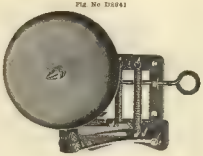
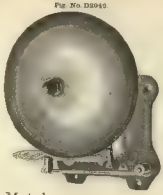


Fig. No. D2942



Single Trip, Polished Bell Metal.

Higgins' Pattern.

No. 2—	Inches,	5	6	8	10	12	No. 1—	Inches,	5	6	8	10	12
	Per dozen,	$25.00	34.00	60.00	90.00	160.00		Per dozen,	$25.00	34.00	60.00	90.00	160.00

HOUSE BELLS ON CARRIAGES.

Fig. No. D2945.

Fig. No. D2944.

House Bells on Carriages.

With Spikes Only.

PER DOZEN.

No. 2112—With 2½ in. Polished Bell, **with Spikes only,** $5.75

Complete, with Check Spring and Mortise Crank and Spikes.

PER DOZEN

No. 2212—With 2½ in. Polished Bell, **Complete,** $8.75

One-half Dozen in a Package.

ALARM WHISTLES.

Fig. No. D2943

Cut One-half Size.

No. 52 2 x 2¼ in., **Alarm Whistles,** Nickel Plated, with Indicator, ... PER DOZEN $5.00

One Dozen in a Box.

LEVERS FOR DOOR BELLS.

Fig. No. D2935

For Use with Door Bells Nos. 2243½ and 2245.

DOOR BELLS.

To Work with Lever Only.

Fig. No. D2936

Use with No. 405 Levers.

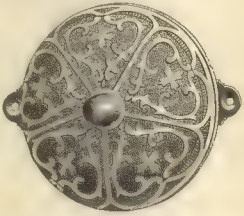
Cuts One-half Size.

	PER DOZEN.
No. 405—4½x2 in., **Berlin Bronzed, Ground** Surface, ...	$2.90
No. 2243½—Fancy, 3½ in., **Berlin Bronzed, Ground** Surface, .	$5.70
No. 2245—Fancy, 5 in., **Berlin Bronzed, Ground** Surface, ...	8.70

One in a Box. Packed with Screws.

Fig. No. D2937

Fig. No. D2938.



Cuts One-half Size.

Welcome.

No. 100—5 in., **Etruscan Bronzed, Ground Surface, Complete with Lever,** . . . . . PER DOZEN. $9.00

One in a Box Packed with Screws.

GONG BELLS.

Fig. No. D2939

Cut One-half Size.

Yankee Patent Alarm.

No. 125—Bronzed **Steel,** . . . PER DOZEN. $5.00

Fig. No. D2940

One-half Size. Cut of 5 in

Abbes' Pattern, Bronzed Steel.

Inches,	4	5	6	8
Per dozen,	$5.00	7.00	10.00	20.00

One in a Box.

CALL BELLS.

Fig. No. D8991

PER DOZEN.

No. 40—3 in. Nickel Plated Base, 2½ in. Nickel Plated Gong, . . . $4.00

No. 42—3½ in. Nickel Plated Base, 3 in. Nickel Plated Gong, . . 6.50

Fig. No. D8992

PER DOZEN.

No. 41—3 in. Fancy Nickel Plated Base, 2½ in. Nickel Plated Gong, . $4.50

Fig. No. D8993

PER DOZEN

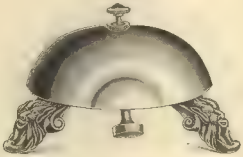
No. 43—4½ in. Fancy Bronze Base, 3½ in. Nickel Plated Gong, . . $7.00

Fig. No. D8994.

PER DOZEN.

No. 44 3½ in., Nickel Plated Gong and Nickel Plated Base, ... $11.00

Fig. No. D8995.



PER DOZEN.

No. 45 Hotel, 4½ in. Nickel Plated Bell, Fancy Bronze Base, $20.00

Fig. No. D8996

Cut One-half Size.

PER DOZEN.

No. 9200 2½ in. Nickel Plated Gong, Bronzed Fancy Base, $7.50

Fig. No. D8997

Cut Two-thirds Size.

PER DOZEN.

No. 9300-2½ in. Nickel Plated Gong, Bronzed Fancy Base, $8.00

Fig. No. D8998.

Cut One-half Size.

PER DOZEN.

No. 3400—3 in. Nickel Plated Gong, Bronzed Fancy Base, $12 00

One-twelfth Dozen in a Box. One-half Dozen in a Package.

SIMMONS HARDWARE COMPANY

CALL BELLS.

Fig No D8899

Cut Two-thirds Size

PER DOZEN.

No. 3000—2½ in. Nickel Plated Gong, Bronzed Fancy Base, $10.00

Fig No D4000

Cut One-half Size.

PER DOZEN.

No. 8050—2¼ in. Nickel Plated Gong, Nickel and Green Fancy Base, . . . $12 00

Fig No D4001

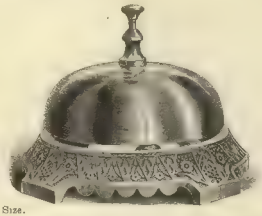
Cut One-half Size.

PER DOZEN.

No. 9413—3 in. Nickel Plated Gong, **Rotary Strike**, Black Base, . . . $13.00

Fig No D4003.

Fig No D4003.



Cuts One-half Size.

PER DOZEN.

No. 9401 3¾ in. Nickel Plated Gong, **Hotel**, Bronzed Fancy Base, . . . $30.00

PER DOZEN

No. 9100H - Hotel, 5 in. Nickel Plated Gong, Gilt Base . . . $54.00

Fig No D4004

Cut Two-thirds Size.

PER DOZEN.

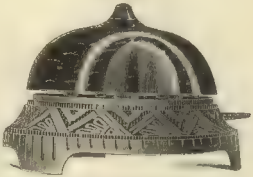
No. 2800—2½ in. Nickel Plated Gong, Bronzed Fancy Base, . . . $10.50

Fig. No. D4008

Cut Two-thirds Size PER DOZEN

No. 12 New Departure, 2¾ in. Nickel Plated Gong, Electric Stroke, **Nickel Plated** Fancy Base, . . . $26.00

Fig No D4006.

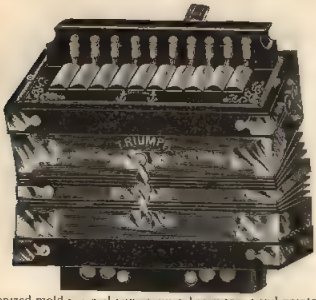


Cut Two-thirds Size. PER DOZEN

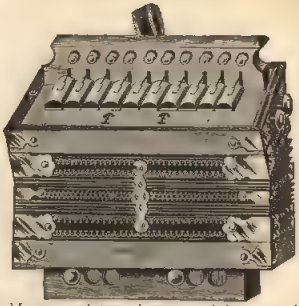
No. 22—New Departure, 3½ in. Nickel Plated Gong, Electric Stroke, **Nickel Plated** Fancy Base, . . . $35.00

One-twelfth Dozen in a Box.

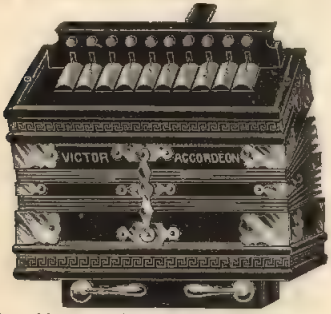
KALB'S IMPERIAL ACCORDEONS.



Ebonized moldings and panels, open keyboard, hand painted ornaments on panel, nickel keys, corners and clasps, double bellows.
No. 3124. 10 keys, 2 stops, 2 sets of reeds. . . . . each, $3 50



Molded frames, gold stamped leatherette bellows, open keyboard, nickel keys, corners and clasps, double bellows.
No. 3127. 10 keys, 2 stops, 2 sets of reeds, imitation oak finish, each. $3 20

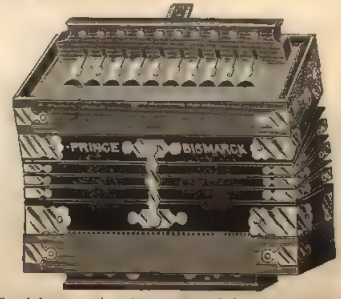


Ebonized frames with gilded tracery, gilt ornaments on panels, open keyboard, nickel keys, corners and clasps, double bellows.
No. 3125. 10 keys, 2 stops, 2 sets of reeds . . . . . each, $3 70

STEEL REEDS.

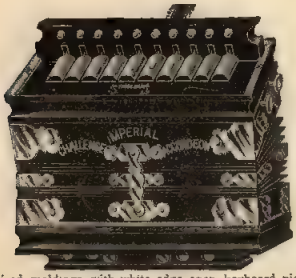
Ebonized frames with gilded tracery, open keyboard, nickel keys, corners and clasps, double bellows.
No. 3128. 10 keys, 2 stops, 2 sets of reeds . . . . . each, $5 30

Board grooved ebonized moldings with hand painting, nickel bound panel, gilt ornaments, nickel keys, corners and clasps, double bellows.
No. 3126. 10 keys, 2 stops, 2 sets of reeds. . . . . each, $4 25

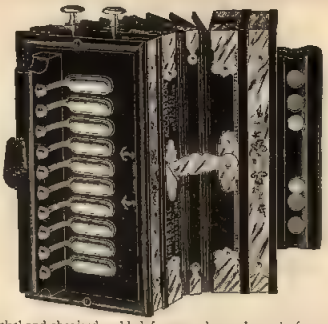


Broad frames and sunken panels in light color wood, open keyboard, nickel keys, corners and clasps, triple bellows.
No. 3129. 10 keys, 2 stops, 2 sets of reeds. . . . . each, $4 15

KALBE'S IMPERIAL ACCORDEONS.



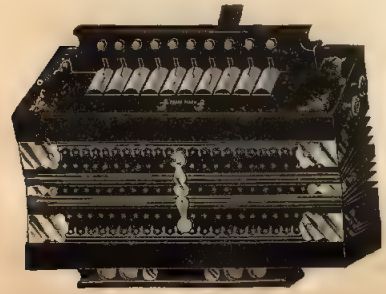
Ebonized moldings with white edge, open keyboard, nickel keys, corners and clasps, double bellows.
No. 3130. 10 keys, 2 stops, 2 sets of reeds, *with vox humana attachment* ... . each, $3 80



Nickel and ebonized molded frames, ebonized panels fancy paintings on nickel frames, open keyboard, patent nickel keys, bronze and nickel corners, nickel clasps, double bellows.
No. 3133. 10 keys, 2 stops, 2 sets of reeds . ... .each, $4 30

Ebonized moldings and panels, open keyboard, hand-painted ornaments on bellows frame, patent nickel keys, nickel corners and clasps, double bellows.
No. 3131. 10 keys, 2 stops, 2 sets of reeds. .... each, $3 65

Mahogany moldings, ebonized panel with nickel molding, open keyboard, nickel keys corners and clasps, double bellows.
No. 3134 10 keys, 2 stops, 2 sets of reeds, broad grooved mahogany moldings with corner protectors.....each, $4 65

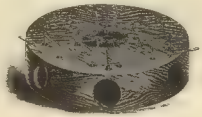


Ebonized moldings and panel, silver stamping on bellows frames and panel, nickel keys, corners and clasps, double bellows.
No. 3132. 10 keys, 2 stops, 2 sets of reeds. .....each, $3 45

Ebonized moldings and panels, open keyboard, nickel keys, corners and clasps, double bellows.
No. 3135. 10 keys, 3 stops, 3 sets of reeds, gold-stamped leatherette bellows, nickel bordered panels.....each, $5 60

MOUSE TRAPS.

Fig No D3682

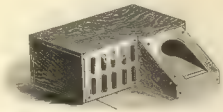


Wood Choker.

Number of Holes,	1	2	3	4	5	6
Per dozen,	$0.30	.60	.90	1.20	1.50	1.80

One Dozen in a Package.

Fig No D3683



Delusion Pattern.

PER DOZEN.

Delusion Pattern, Self-Setting, . . $3.00

Packed Loose.

Fig No D3684

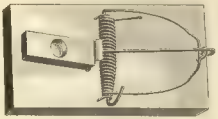
Sheet Steel.

PER DOZEN.

No. 50—Sheet Steel, 5 Holes, Self-Setting, . $2.00

One Dozen in a Package.

Fig No D3685



Cut Two-thirds Size.

PER DOZEN.

No. 75—"Out-o'-Sight," . . . $1.50

One Dozen in a Paper Package.

Fig No D3686

Revolving Wire.

PER DOZEN.

Revolving Wire, ... $3.50

One-half Dozen in a Package.

RAT AND MOUSE TRAPS.

Fig. No. D3687

French.

		1	3	5
	Nos.,	For Rats	For Rats.	For Mice.
French Rat and Mouse Traps, **Bronzed Wire,**	Length, inches,	26	18	7
	Capacity in Rats and Mice,	50	20	20
	Per dozen,	$90.00	36 00	15 00

RAT TRAPS.

Fig. No. D3686

All Wire, Round.

PER DOZEN.

All Wire, Round, Extra Heavy, Weight per dozen, 20 lbs., ... $7.00

Fig. No. D3689

Round, Wood Bottom.

PER DOZEN.

Wood Bottom, Round Wire Top, Coppered, Weight per dozen, 25 lbs., ... $5.00

One-half Dozen in a Bundle.

Fig. No. D3690

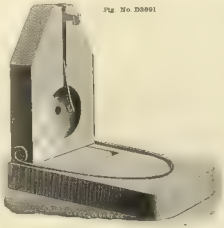
Erie Pattern.

PER DOZEN.

Erie Pattern, Weight per dozen, 15 lbs., . $3.65

One Dozen in a Crate.

Fig. No. D3691



Surprise.

PER DOZEN.

Surprise, Weight per dozen, 16 lbs., . . $3.00

One Dozen in a Box.

Solid Cast Steel Hammers.

MASONS'

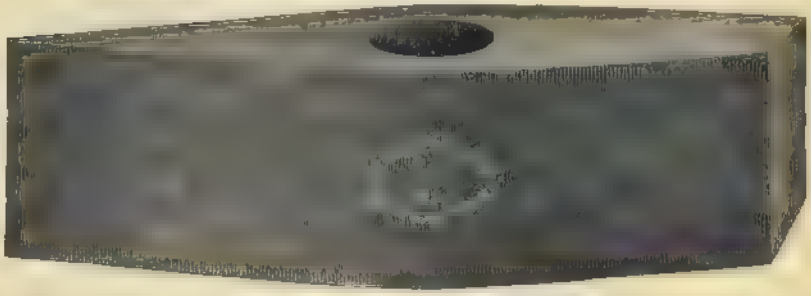
Fig. 64

Axe Finish.

Weight, each,	Pounds,	Under 3	3 to 5	5 to 10
Price,	Per Pound,	$0 50	0 45	0 40

SPALLING OR STONE, FACE AND PEIN

Fig. 65

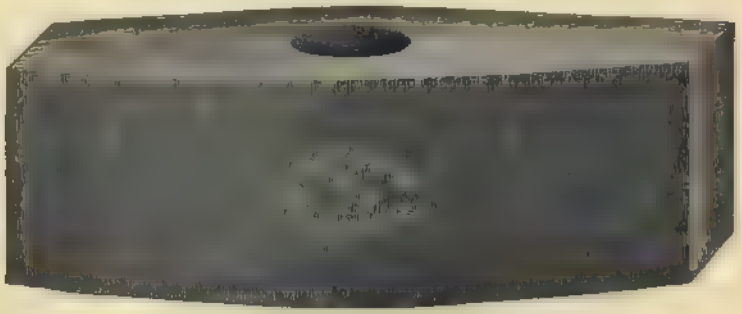


Weight, each,	Pounds,	Under 3	3 to 5	5 to 20
Price,	Per Pound,	$0 45	0 40	0 36

Verona Tool Co.'s, Best Crucible Cast Steel, Weight, each, 4 to 20 pounds, - per pound, $0 19

SPALLING OR STONE, DOUBLE FACE

Fig. 66



Weight, each,	Pounds,	Under 3	3 to 5	5 to 20
Price,	Per Pound,	$0 45	0 40	0 36

Verona Tool Co.'s, Best Crucible Cast Steel, Weight, each, 4 to 20 pounds, - per pound, $0 19

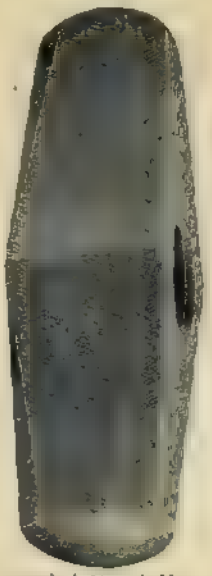
Solid Cast Steel Hammers.

BLACKSMITHS' HAND.

Fig. 67.

NAPPING.

Fig. 68.



HAND DRILLING

Fig. 69

Blacksmiths' Hand Hammers.

Weight, each,	Pounds,	Under 3	3 to 5	5 to 8
Price,	Per Pound,	$0 45	0 40	0 36

Napping Hammers.

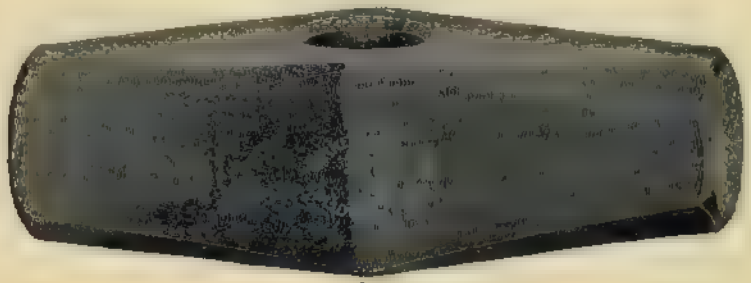
Weight, each,	Pounds,	Under 3	3 to 5	5 to 8
Price,	Per Pound,	$0 45	0 35	0 30

Hand Drilling or Stone Cutters' Hand Hammers.

Weight, each,	Pounds,	Under 3	3 to 5	5 to 8
Price,	Per Pound,	$0 45	0 40	0 35

STRIKING

Fig. 70



Weight, each,	Pounds,	Under 3	3 to 5	5 to 8
Price,	Per Pound,	$0 45	0 36	0 30

POCKET COMPASSES.

Fig. No. D7342

PER DOZEN.

No. 839—1⅝ in., **Nickel Plated, Hinge Cover,** Agate Center and Divisions, **with Stop,** . $27.00

Fig. No. D7343

PER DOZEN.

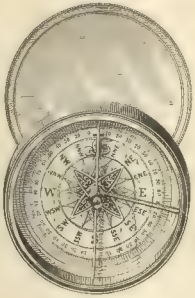
No. 1001 1¾ in., **Nickel Plated, with Cover,** Agate Center and Divisions, **with Stop,** . $33.50

Fig. No. D7344

PER DOZEN.

No. 8—1⅜ in., **Nickel Plated, with Cover,** Enameled Card Dial, English Steel Bar Needle, **Agate Cap, with Stop,** $28.00

Fig. No. D7345



PER DOZEN.

No. 10 2¼ in., **Nickel Plated, with Cover,** Enameled Card Dial, English Steel Bar Needle, **Agate Cap, with Stop,** $36.00

Cuts Full Size.

One-half Dozen in a Box.

POCKET COMPASSES.

Fig. No. D7338

Fig. No. D7339

Brass, with Cover, Card Dial, Plain Glass.

	PER DOZEN.
No. 112—1½ in., ...	$3.25
No. 134—1¾ "	4.25

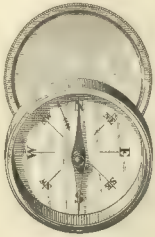
One Dozen in a Box.

	PER DOZEN.
No. 6616—1¼ in., **Brass, Open Face,** Beveled Glass, Card Dial, ...	$3.60

One-half Dozen in a Box.

Fig. No. D7340.

Fig. No. D7341



	PER DOZEN.
No. 6617 1⅜ in., **Brass, with Cover,** Beveled Glass, Card Dial, ...	$5.00

	PER DOZEN.
No. 1409—1½ in., **Brass, with Cover,** Meta. Dial, ...	$11.50

Cuts Full Size.

One-half Dozen in a Box.

STRIKING BAGS.

Royal Mfg. Co.

Fig. No. D7685

Cut shows Nos. 3 to 12.

Fig. No. D7686

Cut shows No. 1.

Striking Bags, Finest Selected Buckskin, Soft as Velvet, Canvas Lined, Hand Sewed, Reinforced Grommet Loop, Complete with Rubber Bladder and Suspending Cord.

	EACH.
No. 3—Large Size,	$6.00
No. 4—Medium Size,	5.50
No. 9—Large Size, with Rubber Tube at Bottom,	8.00

Striking Bags, Fine Oil Tan Leather, Canvas Lined, Hand Sewed, Reinforced Grommet Loop, Complete with Rubber Bladder and Suspending Cord.

	EACH.
No. 5—Large Size,	$4.00
No. 6—Medium Size,	3.75
No. 10—Large Size, with Rubber Tube at Bottom,	5.50

Striking Bags, Fine Oil Finished Raw Hide, Canvas Lined, Hand Sewed, Reinforced Grommet Loop, Complete with Rubber Bladder and Suspending Cord.

	EACH.
No. 7—Large Size,	$4.00
No. 8—Medium Size,	3.75
No. 60—Extra Rubber Bladders, for Nos. 3, 5, 7, 9 and 10,	1.50
No. 70— " " " " 4, 6 and 8,	1.25
No. 12—Swinging Bag Platforms, 6 feet in Diameter, Choice Wood, Substantially Made, Complete with all Fittings,	55.00

Rumsey's.

	EACH
No. 1—Elastic Striking Bags, 16 x 28 in., Rubber Bladder, Covered with Red Canton Flannel,	$6.00
No. 2—Extra Bladders,	5.00
No. 11 Extra Rubber Tubes, for Nos. 1, 9 and 10 Bags,	1.25

Are all Hand Made, of good stock and quality warranted. Bladders on all numbers are best quality.

For Amateur Sparrers, Professional Pugilists and Business Men, these are invaluable. When fighting it, all the muscles of the body are brought into play either directly or indirectly. The eyesight is quickened and improved.

The Ceiling of Platform should be 10 feet from floor, and the bal. should hang even with the person's head.

State height of Ceiling when ordering Platform if wanted different.

STRIKING BAG GLOVES.

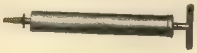
Fig. No. D7688

No. 111.

	PER PAIR.
No. 111—Striking Bag Gloves, made of Tanned Kid, Back of Hand and Finger Tips Padded. Will protect the Hands and are recommended for use with all Striking Bags,	$2.50

BRASS INFLATORS.

Fig. No. D7687



No. 2.

	EACH.
No. 2—Extra Large and Powerful, Cylinder **10 in.,**	$1.00
No. 3—Pocket Size, Cylinder **5½ in.,**	.50

SIMMONS HARDWARE COMPANY

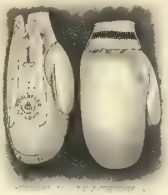
ROYAL BOXING GLOVES.

Royal Mfg. Co.

Fig. No. D7679.

Cut shows No. 1110.

Fig. No. D7680.



Cut shows No. 1.

Fig. No. D7681.

Cut shows No. 2.

Fig. No. D7682.

Cut shows Nos. 3 and 4.

Fig. No. D7683.

Cut shows Nos 5, 6 and 7.

Fig. No. D7684.

Cut shows Nos. 8, 9, 10 and 11

	PER SET.
No. 1110 Corbett Style and Quality, Ventilated Palm, Silk Elastic Wrist Band, Reinforced Cuffs, Double Silk Stitched, Stuffed with Best Quality Curled Hair, Oil Finished Kid,	$8.00
No. 1 Professional Exhibition Fighting Glove, 4 oz., Ventilated Palm, Bennett's New Lining, Lace Front, Reinforced Cuffs, Fancy Red Leather Band around Cuffs, Fine White Kid, Stuffed with Best Quality Curled Hair, Double Stitched with Linen Thread,	7.50
No. 2 California Sparring Gloves, 6 oz., Ventilated Palm, Lace Front, Reinforced Cuffs, Fancy Red Leather Band around Cuffs, Best Quality Oil Tan Kid, **Green Color,** Improved Finger Pads, Bennett's New Lining, Stuffed with Best Quality Curled Hair, Double Stitched with Linen Thread, Very Soft and Pliable,	8.00
No. 3 Special Glove, Ventilated Palm, Silk Elastic Wrist Band, Reinforced Cuffs, Fancy Red Leather Band around Cuffs, Fine Oil Tan Leather, **Maroon Color,** Improved Finger Pads, Bennett's New Lining, Stuffed with Best Quality Curled Hair, Double Stitched with Linen Thread,	7.50
No. 4 College Gloves, same Style as No. 3, except Oil Tan Kid, **Tan Color,** Stuffed with One Grade Cheaper Hair, a Serviceable Glove,	6.00
No. 5—Standard Glove, same Style as No. 3, except New Style Heel Pad, Fine Oil Finished Kid, **Maroon Color,** Stuffed with Good Quality Hair	5.50
No. 6 Prize Gloves, same Style throughout as No. 5, except Oil Tan Kid, **Tan Color,**	4.50
No. 7 Famous Gloves, same Style as No. 5, without Silk Band, **Fine White Kid,**	3.60
No. 8 Competitor's Glove, Ventilated Palm, Elastic Wrist Band, Bound Cuffs, **White Kid,** Stuffed with Hair, Double Stitched with Linen Thread,	2.50
No. 9—Boys' Mittens, Ventilated Palm, Fancy Cuffs, Stuffed with Good Quality Hair, Oil Tan Kid, **Tan Color,** Boys' Size only, Elastic Wrist Band, Double Stitched with Linen Thread,	2.50
No. 10 Chamois Back, Ventilated Palm, Fancy Cuffs, Elastic Wrist Band, Stuffed with Hair, Men's Size, Double Stitched with Linen Thread,	2.20
No. 11—Same as No. 10, Boys' Size only,	2.00

One Set in a Box.

For Instructions in Boxing, see Page 1580.

The Royal Mfg Company makes all Gloves serviceable and use nothing but the very best material possible, according to grade. Any Gloves not perfect through any fault of the manufacturers will be replaced.

STRIKING BAGS.

Royal Mfg. Co.

Fig. No. D7685

Cut shows Nos. 3 to 12.

Fig. No. D7686

Cut shows No. 1.

Striking Bags, Finest Selected Buckskin, Soft as Velvet, Canvas Lined, Hand Sewed, Reinforced Grommet Loop, Complete with Rubber Bladder and Suspending Cord.

	EACH.
No. 3—Large Size,	$6.00
No. 4—Medium Size,	5.50
No. 9—Large Size, with Rubber Tube at Bottom,	8.00

Striking Bags, Fine Oil Tan Leather, Canvas Lined, Hand Sewed, Reinforced Grommet Loop, Complete with Rubber Bladder and Suspending Cord.

	EACH.
No. 5—Large Size,	$4.00
No. 6—Medium Size,	3.75
No. 10—Large Size, with Rubber Tube at Bottom,	5.50

Striking Bags, Fine Oil Finished Raw Hide, Canvas Lined, Hand Sewed, Reinforced Grommet Loop, Complete with Rubber Bladder and Suspending Cord.

	EACH.
No. 7—Large Size,	$4.00
No. 8—Medium Size,	3.75
No. 60—Extra Rubber Bladders, for Nos. 3, 5, 7, 9 and 10,	1.50
No. 70— " " " " 4, 6 and 8,	1.25
No. 12—Swinging Bag Platforms, 6 feet in Diameter, Choice Wood, Substantially Made, Complete with all Fittings,	55.00

Rumsey's.

	EACH
No. 1—Elastic Striking Bags, 16 x 28 in., Rubber Bladder, Covered with Red Canton Flannel,	$6.00
No. 2—Extra Bladders,	5.00
No. 11 Extra Rubber Tubes, for Nos. 1, 9 and 10 Bags,	1.25

Are all Hand Made, of good stock and quality warranted. Bladders on all numbers are best quality.

For Amateur Sparrers, Professional Pugilists and Business Men, these are invaluable. When fighting it, all the muscles of the body are brought into play either directly or indirectly. The eyesight is quickened and improved.

The Ceiling of Platform should be 10 feet from floor, and the bal. should hang even with the person's head.

State height of Ceiling when ordering Platform if wanted different.

STRIKING BAG GLOVES.

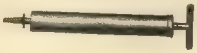
Fig. No. D7688

No. 111.

	PER PAIR.
No. 111—Striking Bag Gloves, made of Tanned Kid, Back of Hand and Finger Tips Padded. Will protect the Hands and are recommended for use with all Striking Bags,	$2.50

BRASS INFLATORS.

Fig. No. D7687



No. 2.

	EACH.
No. 2—Extra Large and Powerful, Cylinder **10 in.,**	$1.00
No. 3—Pocket Size, Cylinder **5½ in.,**	.50

SIMMONS HARDWARE COMPANY

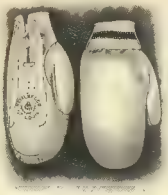
ROYAL BOXING GLOVES.

Royal Mfg. Co.

Fig. No. D7679.

Cut shows No. 1110.

Fig. No. D7680.



Cut shows No. 1.

Fig. No. D7681.

Cut shows No. 2.

Fig. No. D7682.

Cut shows Nos. 3 and 4.

Fig. No. D7683.

Cut shows Nos 5, 6 and 7.

Fig. No. D7684.

Cut shows Nos. 8, 9, 10 and 11

	PER SET.
No. 1110 Corbett Style and Quality, Ventilated Palm, Silk Elastic Wrist Band, Reinforced Cuffs, Double Silk Stitched, Stuffed with Best Quality Curled Hair, Oil Finished Kid,	$8.00
No. 1 Professional Exhibition Fighting Glove, 4 oz., Ventilated Palm, Bennett's New Lining, Lace Front, Reinforced Cuffs, Fancy Red Leather Band around Cuffs, Fine White Kid, Stuffed with Best Quality Curled Hair, Double Stitched with Linen Thread,	7.50
No. 2 California Sparring Gloves, 6 oz., Ventilated Palm, Lace Front, Reinforced Cuffs, Fancy Red Leather Band around Cuffs, Best Quality Oil Tan Kid, **Green Color,** Improved Finger Pads, Bennett's New Lining, Stuffed with Best Quality Curled Hair, Double Stitched with Linen Thread, Very Soft and Pliable,	8.00
No. 3 Special Glove, Ventilated Palm, Silk Elastic Wrist Band, Reinforced Cuffs, Fancy Red Leather Band around Cuffs, Fine Oil Tan Leather, **Maroon Color,** Improved Finger Pads, Bennett's New Lining, Stuffed with Best Quality Curled Hair, Double Stitched with Linen Thread,	7.50
No. 4 College Gloves, same Style as No. 3, except Oil Tan Kid, **Tan Color,** Stuffed with One Grade Cheaper Hair, a Serviceable Glove,	6.00
No. 5—Standard Glove, same Style as No. 3, except New Style Heel Pad, Fine Oil Finished Kid, **Maroon Color,** Stuffed with Good Quality Hair	5.50
No. 6 Prize Gloves, same Style throughout as No. 5, except Oil Tan Kid, **Tan Color,**	4.50
No. 7 Famous Gloves, same Style as No. 5, without Silk Band, **Fine White Kid,**	3.60
No. 8 Competitor's Glove, Ventilated Palm, Elastic Wrist Band, Bound Cuffs, **White Kid,** Stuffed with Hair, Double Stitched with Linen Thread,	2.50
No. 9—Boys' Mittens, Ventilated Palm, Fancy Cuffs, Stuffed with Good Quality Hair, Oil Tan Kid, **Tan Color,** Boys' Size only, Elastic Wrist Band, Double Stitched with Linen Thread,	2.50
No. 10 Chamois Back, Ventilated Palm, Fancy Cuffs, Elastic Wrist Band, Stuffed with Hair, Men's Size, Double Stitched with Linen Thread,	2.20
No. 11—Same as No. 10, Boys' Size only,	2.00

One Set in a Box.

For Instructions in Boxing, see Page 1580.

The Royal Mfg Company makes all Gloves serviceable and use nothing but the very best material possible, according to grade. Any Gloves not perfect through any fault of the manufacturers will be replaced.

ROYAL GUN WORKS.

Modified Diana Pattern Machine Made Breech-Loading Shot Guns.

Fig. No. D6950.

Cut showing D and E Fore-end.

Full Machine Made.

Greener Cross Bolt, Top Snap, **Damascus Barrels,** Bar Rebounding Locks, with Steel Works, Extension Rib, Matted, Triple Bolt, **Deely & Edge** Fore-end, New Style Circular Hammers, Pistol Grip with Rubber Cap, Rubber Butt, both Barrels Full Choke Bored, **Finely Finished** and Engraved.

						EACH.
No. 2610—10 Gauge,	30 and 32 in. Barrels,	Weight	8½ to 10 lbs.,			$35.25
No. 2612—12	" 30 " 32 in.	"	"	7¼ to 8¾ "		34.50
No. 2616—16	" 28 " 30 in.	"	"	6¼ to 7½ "		34.50

Fig. No. D6951

Cut showing D and E Fore-end.

Full Machine Made.

Top Snap, **Laminated Steel Barrels,** Bar Rebounding Locks with Steel Works, Extension Rib, Matted, Double Bolt, **Deely & Edge** Fore-end, New Style Circular Hammers, Nicely Engraved, Pistol Grip, Rubber Butt, both Barrels Full Choke Bored, Barrels 30 and 32 inches.

					EACH.
No. 2510—10 Gauge,	Weight	8½ to 10 lbs.,			$28.50
No. 2512—12	" "	7¼ to 8¾ "			27.75

Fig. No. D6952.

Full Machine Made.

Top Snap, Laminated Steel Barrels, Bar Rebounding Locks with Steel Works, Extension Rib, Matted, Double Notch, Improved Patent Snap Fore-end, New Style Circular Hammers, Pistol Grip, Rubber Butt, both Barrels Full Choke Bored

						EACH.
No. 2410—10 Gauge,	30 and 32 in. Barrels,	Weight	8½ to 10 lbs.,			$25.50
No. 2412—12	" 28, 30 " 32 in.	"	"	7¼ to 8¾ "		24.75
No. 2416—16	" 28, 30 " 32 in.	"	"	6¼ to 7 "		24.75
No. 2420—20	" 28 " 30 in.	"	"	6 to 6½ "		26.25

The Barrels are screwed in the Breech, they remain perfectly round and straight and are not pinched together as it is the case in the old way of manufacture. The Lamps and the Steel Breech are one solid piece, thus avoiding Lamps becoming loose.

The Barrels being independent of each other, the expansion is even, and the penetration and shooting qualities in general are thereby increased. The Steel Breech is level with the Barrels, in this it differs from the Diana Gun, where the Breech projects, and the new system is therefore called the "Modified Diana." Barrels are choked after the most approved system and are flat at the Breech.

All Royal Gun Works Guns will Open while at Full Cock.

ROYAL GUN WORKS.

Fig. No. D6953.

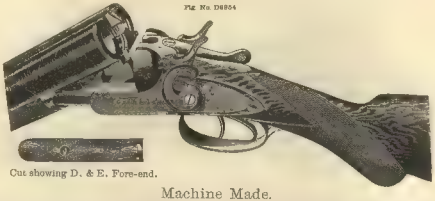
Cut showing D. & E. Fore-end.

Machine Made.

Greener Cross Bolt, Top Snap, Laminated Steel Barrels, Bar Rebounding Locks with Steel Works, Extension Rib, Matted, **Triple Bolt, Deely & Edge Fore-end,** New Style Circular Hammers, Pistol Grip, Rubber Butt, both Barrels Modified Choke Bored, Barrels 30 and 32 inch.

		EACH.
No. 2710—10 Gauge, Weight 8½ to 10 lbs.,		$27.75
No. 2712—12 " " 7¼ to 8¾ "		27.00

Fig. No. D6954



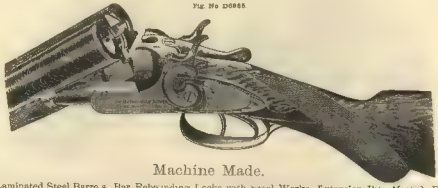
Cut showing D. & E. Fore-end.

Machine Made.

Top Snap, **Laminated Steel Barrels,** Bar Rebounding Locks with Steel Works, Extension Rib, Matted, Double Notch, **Deely & Edge Fore-end,** New Style Circular Hammers, Pistol Grip, Rubber Butt, both Barrels Modified Choke Bored, Barrels 30 and 32 inch.

		EACH.
No. 2310—10 Gauge, Weight 8½ to 10 lbs.,		$24.75
No. 2312—12 " " 7¼ to 8¾ "		24.00

Fig. No. D6955



Machine Made.

Top Snap, Laminated Steel Barrels, Bar Rebounding Locks with Steel Works, Extension Rib, Matted, Double Notch, New Style Circular Hammers, Pistol Grip, Rubber Butt Improved Patent Snap Fore-end, both Barrels Modified Choke Bored.

		EACH.
No. 2210—10 Gauge, 30 and 32 in. Barrels, Weight 8½ to 10 lbs.,		$23 25
No. 2212—12 " 30 " 32 in. " " 7¼ to 8¾ "		22 50
No. 2212—12 " **36** " **38 in.** " " 7¼ to 8¾ "		24 50
No. 2216—16 " 30 " 32 in. " " 6¾ to 7 "		22 50
No. 2216—16 " **36** " **38 in.** " " 6¾ to 7¼ "		24 50

All Royal Gun Works Guns will Open while at Full Cock.

Sheep Shears.

J. BARTON SMITH CO.'S

Fig. 5419

No. 49

Fig. 5420.

No. 57

Fig. 5421.

No. 61E

Solid Cast Steel, Half Polished Blades.

	Length of Blades,	Inches,	Assorted 4½ to 5½	5	5½	6	7
No. 49, Plain Blades,	- -	Per Dozen,	$6 50	6 50	6 50	6 85	6 85

Solid Cast Steel, Polished and Swaged Blades.

	Length of Blades,	Inches,	Assorted 4½ to 5½	5	5½	6	7
No. 57, Plain Blades,	- - -	Per Dozen,	$9 55	9 55	9 55	10 00	10 00
57E, Etched "	- -	"	10 05	10 05	10 05	10 50	10 50

Solid Cast Steel, Polished and Swaged Blades

	Length of Blades,	Inches,	Assorted 4½ to 5½	5	5½	6	7
No. 61, Plain Blades.		Per Dozen,	$11 75	11 75	11 75	12 20	13 00
61E, Etched "	-	"	12 75	12 75	12 75	13 20	14 00

One-half Dozen in a Package.

Sheep Shears.

SEYMOUR'S.

Fig. 5422.

No. 1772.

Fig. 5423.

No. 2772

Solid Cast Steel, Full Polished and Swaged Blades, Gold Bronzed Bows.

	Length of Blades,	Inches,	4½	5	5½	6	7
No. 1772,	Straight Blades,	Per Dozen.	$12 00	12 00	12 00	14 00	16 00
2772,	Bent "	"	12 00	12 00	12 00	14 00	16 00

One-half Dozen in a Box.

NUT PICKS AND CRACKS.

In Cases.

Fig. No. D6943.

No. 4 C

		EACH
No. 4 C	Walnut Case, Satin Lined, Contains 6 Picks and 1 Crack, Nickel Plated	$2.25
No. 4	Walnut Case, Satin Lined, Contains 12 Picks, Nickel Plated	2.50

Fig. No. D6946

		EACH
No. 2805	Silk Plush Case, Contains 6 Fine Jewelry Picks and 1 Crack, Silver Plated	$3.50

NUT PICKS.

Fig. No. D6937

PER DOZEN.

No. 26—"1847" Rogers Bros., Plain or Satin Handle, ... $3.40

Fig. No. D6938

No. 26/A. PER DOZEN.

No. 26/A—"1847" Rogers Bros., Arabesque Handle, $3.75

No. 26/B—"1847" Rogers Bros., Arabesque Handle, Old Silver, ... 4.15

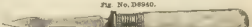
Fig. No. D6939

No. 36. PER DOZEN

No. 36 —"1847" Rogers Bros., Embossed Handle, $3.75

No. 36/A—"1847" Rogers Bros., Embossed Handle, Old Silver, ... 4.15

Fig. No. D6940.



PER DOZEN.

No. 1—Pearl Handle Nut Picks, Silver Plated, . $11.25

Fig. No. D6941

No. 3339. PER DOZEN

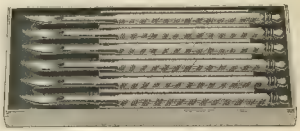
No. 3339—Pearl Handle Nut Picks, Silver Plated, $13.50

EACH

No. 2510—Silk Plush Cases to hold One-half Dozen Picks, ... $1.90

No. 2520—Silk Plush Cases to hold One Dozen Picks, ... 2.65

Fig. No. D6942



In Cases.

PER BOX.

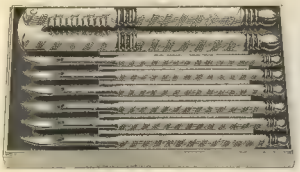
No. A—6 Nut Picks, Nickel Plated, . . $0.40

One-half Dozen in a Box.

NUT PICKS AND CRACKS.

In Cases.

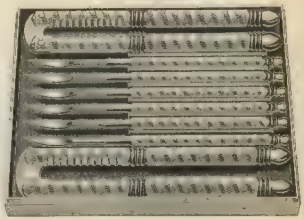
Fig. No. D6943



PER BOX.

No. C—Nut Picks and Cracks, Contains 6 Picks and 1 Crack, Nickel Plated, ... $0.75

Fig. No. D6944



PER BOX

No. D—Nut Picks and Cracks, Contains 6 Picks and 2 Cracks, Nickel Plated, ... $1.30

VIOLIN STRINGS.

IN PAPER BOXES

SILK STRINGS.

IN PAPER BOXES

No 1654. E, 4 lengths, French, fine quality ..... per bundle of 30 strings, $2 00
" 1655. E, 4 " " superior quality, "La Victorieuse," ..... " " " 3 35
" 1656. F, "Fish Line," in hanks of 9 feet ..... per dozen hanks, 1 35

VIOLIN G STRINGS.

IN PAPER BOXES. AMERICAN WOUND.

No. 1657. 1 length, wound on silk, fine quality ..... per doz., $0 50
" 1658. 1 " " gut, " ..... " 65
" 1659. 1 " " " straight, not coiled ..... " 80
" 1660. 1 " " " " fine quality, silk ends ..... " 1 65
" 1661. 1 " pure silver wire, wound on gut, straight, not coiled, fine quality ..... " 3 50
" 1662. 1 " " " " " Conservatory, straight, green silk ends, extra quality ..... " 5 75

STEEL VIOLIN STRINGS.

IN PAPER BOXES.

No. 1663. E, 1 length, steel wire, silver-plated, with knotted end ..... per gross, $1 25
" 1664. A, 1 " " " " ..... " 1 25
" 1665. D, 1 " " covered, silver-plated ..... per doz., 23
" 1666. G, 1 " " " " ..... " 25

IN SETS

No 1667. Complete sets of our No. 30 violin strings in neat paper boxes ..... per dozen sets, $4 25

ASSORTMENTS.

No 1668.

No 1669.

No 1668. Assortment of 15 F, 10 A, 5 D, 12 G, transparent and polished, good quality, fine cork boxes, as above represented ..... per box, $2 00
" 1669. " 15 E, 10 A, 5 D, 12 G; " " " 2 25

GUITAR STRINGS.

SILVERED WIRE COVERING—AMERICAN WOUND.

For the three Gut Strings of the Guitar, Violin E, A and D should be used See note at bottom of page.

No. 1670	D, or 4th, white floss silk center	per doz,	$0 45
" 1671	A, or 5th, " " " "	"	60
" 1672	E, or 6th, " " " "	"	45
" 1673	D or 4th, "Compound" White Floss Silk and Steel Wire Center	"	50
" 1674	A or 5th " " " " " " " "	"	60
" 1675	E or 6th, " " " " " " " "	"	80
" 1676	D or 4th, " " Conservatory, extra quality, green silk ends, in paper boxes	"	90
" 1677	A, or 5th, " " " " " " " "	"	1 00
" 1678	E, or 6th, " " " " " " " "	"	

STEEL GUITAR STRINGS.

IN PAPER BOXES.

No. 1679	E, or 1st, steel wire, silver-plated with knotted end	per doz,	$0 15
" 1680	B, or 2d, " " " " " " " "	"	15
" 1681	G, or 3d, " " wound, silver plated, with knotted end	"	25
" 1682	D, or 4th, " " " " " " " "	"	38
" 1683	A, or 5th, " " " " " " " "	"	40
" 1684	E, or 6th, " " " " " " " "	"	45

IN SETS.

No. 1685. Complete sets of guitar strings, fine quality, in neat paper boxes ..... per dozen sets, $4 50

MANDOLIN STRINGS.

No. 1686.	First string, steel wire, silver-plated	per doz	$0 20
" 1687	Second " " " "	"	20
" 1688.	Third " " " wound with silvered wire	"	30
" 1689.	Fourth " " " " "	"	30

NOTICE.

Violin E strings are used for the first string on the Guitar, and are then known as Guitar E
" A " " " second " " " " B
" D " " " third " " " " " G.

Razors.

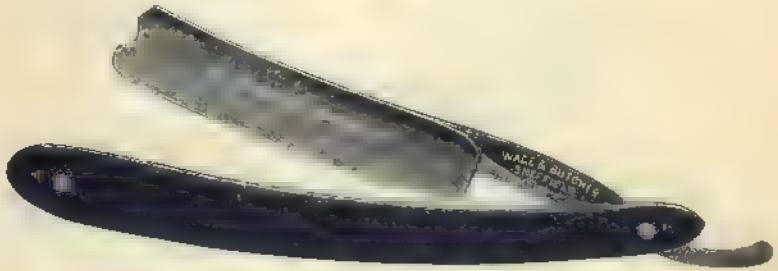
WADE & BUTCHER'S

Fig. 5365.

No. 757 ⅞ inch, Hollow Ground, Round Point, Black Rubber Handle, - - per dozen, $10 50

One-half Dozen in a Box

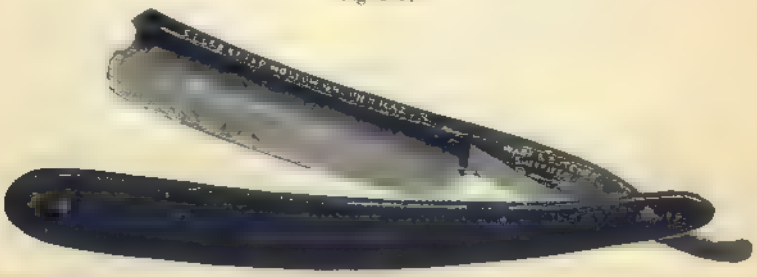
Fig. 5366



No. 1372, ⅞ inch, Hollow Ground, Hollow Point, Black Rubber Handle, - - per dozen, $ 9 75
992, 1 " " " " " " " " - - " 11 00

One-half Dozen in a Box

Fig. 5367



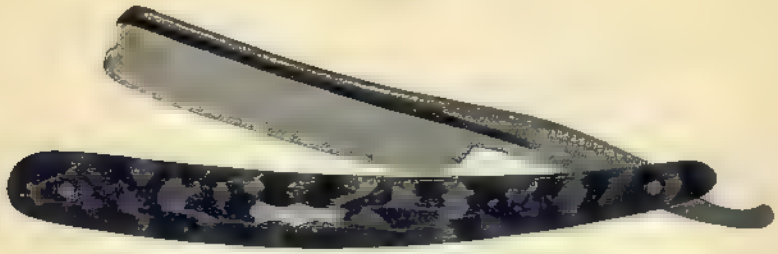
No. 777 ⅞ inch, Hollow Ground, Hollow Point, Flat Black Rubber Handle per dozen, $12 75

One-half Dozen in a Box.

Razors.

WADE & BUTCHER'S

Fig. 5308

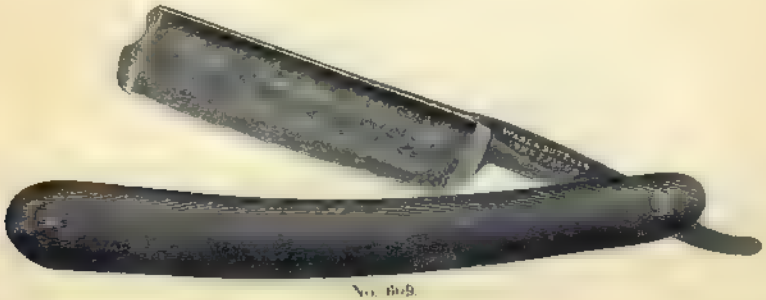


No. 1608, ⅞ inch, Hollow Ground, Hollow Point, Shed Handle, - per dozen, $12 50
One-half Dozen in a Box.

Fig. 5309

No. 100, ⅞ inch, Extra Hollow Ground, Square Point, Black Rubber Handle - per dozen, $11 00
101, ⅞ " " " " " " " " - - " 12 00
One-half Dozen in a Box

Fig. 5310



No. 609.

No. 601, ⅞ inch, Square Point, Black Rubber Handle, not Etched - - per dozen, $6 00
609, ⅞ " Hollow " Horn " Etched. - - - " 3 00
One half Dozen in a Box

Razors.

THE W. BINGHAM CO'S

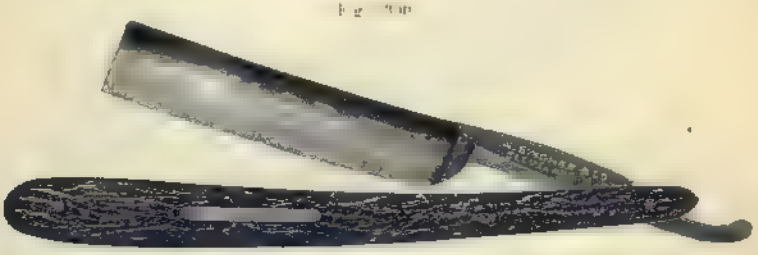
XLCR

Fig. 1299

No. 110,	⅝ inch. Hollow Ground, Square Point, Black Rubber Handle	per dozen,	$12 [illegible]
112,	⅝ " " " " " " "	"	13 00
158,	⅝ " " " " " " "	"	13 00
134,	⅞ " " " " " "	"	13 00
78,	⅞ " " " " " "	"	14 00
212,	⅞ " " White Bone Handle	"	12 00
208,	⅞ " " " "	"	13 00

One-half Dozen in a Box

Fig. [illegible]



No. 580, ⅝ inch. Hollow Ground, Square Point, Stag Handle, per dozen, $15 00

One-half Dozen in a Box

NEW RIFLE.

Fig. 5[illegible]

No. 340, ⅞ inch. Hollow Ground, Square Point, Black Rubber Handle, per dozen, $[illegible]

One half Dozen in a Box

Razors.

THE W. BINGHAM CO'S

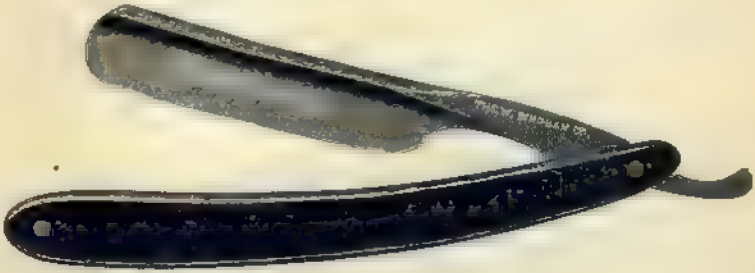
HAMBURG.

Fig. 5307.

No. 1000, ⅞ inch, Full Hollow Ground, Square Point, Black Rubber Handle, per dozen, $16 00
One-half Dozen in a Box

PASADENA

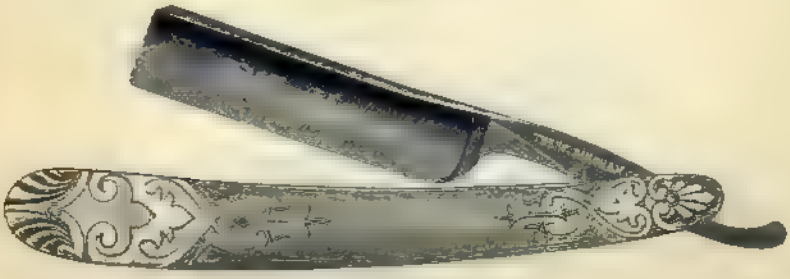
Fig. 5308.



No. 1100, ⅞ inch, Hollow Ground, Round Point, Black Rubber Handle, - - - per dozen, $18 00
One half Dozen in a Box

LITTLE SHAVER.

Fig. 5304.



No. 1200, ⅞ inch, Hollow Ground, Square Point, Fancy Celluloid Handle, - per dozen, $18 00
1300, ⅞ " " " " " Black Rubber " - - " 15 00
One half Dozen in a Box

STOVE POLISH.

Fig No D4569

Fig No D4570

Black Chief Family Paste.

PER GROSS.

No. 1—"Black Chief Family", in 4½ oz. Tin Boxes, $10.00

No. 2—"Black Chief Family", in 6½ oz. Tin Boxes, 14 00

One-half Gross in a Case.

Weight per Case, No. 1, 26 lbs.; No. 2, 41 lbs.

A water paste polish for family use. Makes no dust, makes no offensive odor when heated, produces a brilliant black gloss.

Climax Family Paste.

PER GROSS.

No. 25 Climax Family Paste, in 4 oz. Small Tin Boxes, ... $ 8.00

No. 20—Climax Family Paste, in 6 oz. Large Tin Boxes, ... 12.00

One-quarter Gross in a Case.

Weight per Case, No. 25, 14 lbs.; No. 20, 22 lbs.

Fig No D4571

Fig No D4572

Climax Liquid Stove Enamel.

PER GROSS BOTTLES

No. 15—Climax Liquid Stove Enamel, in **Half Pint** Bottles, ... $18.00

One-quarter Gross Bottles in a Case. Weight per Case, 41 lbs.

S. H. Co. "Zulu" Iron Enamel.

PER DOZEN CANS.

S. H. Co. "Zulu" Iron Enamel—In **Half Pint Cans,** . . . . . $ 6.00

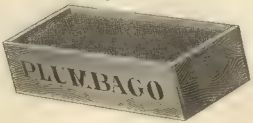
S. H. Co. "Zulu" Iron Enamel—In **Half Gallon Cans,** 15.00

Half Pint Cans, One Dozen in a Box. Weight per Dozen, 12 lbs.

Half Gallon Cans, Packed Loose. Weight per Can, 4 lbs.

PLUMBAGO.

Fig No D4573



PER POUND.

No. 1—Plumbago, 25 lbs. in a Box, ... $

Extra—Plumbago, 25 lbs. in a Box, ...

STOVE POLISH.

Fig. No. D4562

S. H. Co., Black Chief.

	PER CAN.
No. 5—S. H. Co., "Black Chief", 5 lb. Cans,	$1.35

Six Cans in a Case. Weight per Case, 42 lbs.

Fig. No. D4563

Climax.

	PER CAN.
No. 10—Climax Paste, 5 lb. Cans,	$1.20

Six Cans in a Case. Weight per Case, 37 lbs.

For Dealers' Use. To Mix with Benzine or Gasoline.

Fig. No. D4564

Cut Three-quarters Size.

Dandy.

	PER GROSS.
Dandy, ...	$4.25

Weight per Gross, 44 lbs.

Fig. No. D4565

Cut Three-quarters Size.

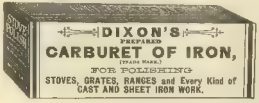
S. H. Co., Reflection.

	PER GROSS.
S. H. Co.—"Reflection", .	$7.00

Weight per Gross, 62 lbs.

One-half Gross in a Box.

Fig. No. D4580



Cut Three-quarters Size.

Dixon's.

	PER GROSS
Dixon's, ...	$8.00

Weight per Gross, 64 lbs.

Fig. No. D4607

Cut Three-quarters Size.

Rising Sun.

	PER GROSS.
Rising Sun, ...	$9.00

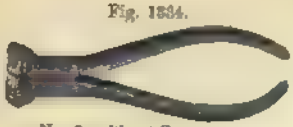
Weight per Gross, 76 lbs.

One-half Gross in a Box.

Cutting Nippers.

TODD'S PATENT IMPROVED

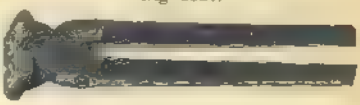
Fig. 1334.



No. 5, without Set-screw.

Extra Jaws.
Fig. 1335

Fig. 1336.



Nos. 0 to 4, with Set-screw.

	Nos.	0	1	2	3	4	5
Length,	Inches,	13	12	11	10	8	5
Todd's Improved Cutting Nippers, Adjustable Jaw,	Per Pair,	$2 75	2 25	2 00	1 75	1 50	1 25
Extra Jaws for Todd's Nippers,	"	40	40	40	40	35	35

CAREW'S PATENT.

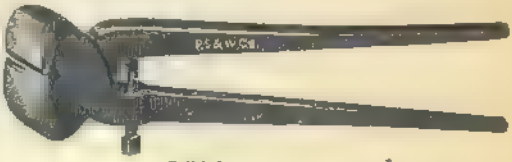
Fig. 1337.

Adjustable Jaws, with Set-screw.

Length,	Inches	8	10	12	14
Carew's Patent,	Per Pair,	$2 00	2 25	2 60	3 00
Extra Jaws,	"	60	65	70	75

P., S. & W. CO.'S.

Fig. 1338.



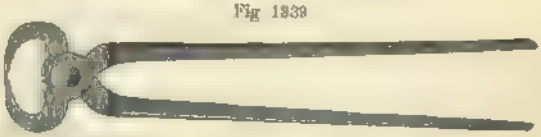
Solid Jaws, with Set screw.

	Nos.	1	2	3	4	5
Length	Inches.	12	11	10	9	8
P., S. & W's,	Per Pair,	$2 25	2 00	1 50	1 40	1 00

All above Nippers, One Pair in a Package.

HELLER BROS.', FARRIERS'

Fig. 1339



No. 1,	8-inch. Heller Bros., Farriers' Nippers, Solid Cast Steel, Oil Finished Handles,	per dozen,	$14 00
2,	10 " " " " " " " " "	"	16 00
3,	12 " " " " " " " " "	"	20 00
4,	14 " " " " " " " " "	"	24 00

One-half Dozen in a Box.

Pincers.

CARPENTERS'

Fig. 1340.

	Length,	Inches,	6	7	8	10	12
No. 100,	Bright Iron Jaw,	Per Dozen,	$1 50	1 75	2 25	4 00	
102,	" Steel "	"	2 00	2 50	3 00	5 00	7 50

One-half Dozen in a Package.

Farriers' Pincers.

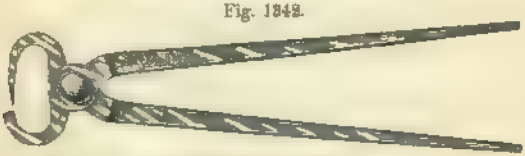
Fig. 1341

No. 10, 10-inch, Polished Steel Jaws, Wrought Japanned Handles,	per dozen,	$10 00
12, 12-inch, " " " " "	"	11 00
14, 14-inch, " " " " "	"	12 00
22, 12-inch, Heller Bros', Solid Cast Steel, Oil Finished Handles,	"	16 00
24, 14 inch, " " " " "	"	24 00
26, 16-inch, " " " " "	"	30 00

One-half Dozen in a Box.

FARRIERS' HOOF PARERS.

Fig. 1342.



No. 34, 14-inch, Heller Bros' Solid Cast Steel, Oil Finished Handles,	per dozen,	$24 00

One-half Dozen in a Box.

Excelsior Bolt and Rivet Clipper.

Fig. 1343.

No 1, Excelsior, Cuts Bolts ⅜ inch Diameter.	each,	$ 6 00
2, " " ½ " "	"	8 00
4, " " ⅝ " "	"	20 00

Extra Heads, complete, Each, No. 1, $3 00; No. 2, $4 00; No. 4, $7 50.

CHAMPION BOLT AND RIVET CLIPPER.

Fig. 1344

No. 0, Champion, Cuts Bolts $\frac{1}{16}$ inch Diameter,	each,	$ 4 50
1, " " " ¼ " "	"	6 00
2, " " " ⅜ " "	"	8 00
3, " " " ½ " "	"	15 00

Extra Knives, Per Pair, No. 0, $0 75, No. 1, $0 75; No. 2, $0 80; No. 3, $1 00

Extra Heads, Complete, Each, No. 0, 3 00; No. 1, 3 00; No. 2, 4 00; No. 3, 7 50

Blacksmiths' Tongs.

COMMON STRAIGHT-LIPPED

Fig 1345.

	Number,	1	2	3	4	5	6	7
Length,	Inches,	18	20	22	24	26	28	30
Weight, each	Pounds,	1¾	2¼	3	3½	4	4½	5¼
Drop Forged Handle and Jaw one piece,	Each,	$0 40	0 45	0 46	0 50	0 50	0 50	0 60

STEARNS' PATENT SWIVEL JAW.

Fig. 1346.

No. 1, Length 16 inches, - - - - - - - - - per dozen, $10 00
2, " 18 " - - - - - - - - " 10 00

Pipe Tongs.

PLAIN.

Fig 1347

Inches,	⅜	½	⅝	¾	1	1¼	1½	2	2½	3
Each,	$0 65	0 70	0 75	0 90	1 10	1 30	1 50	1 90	2 50	2 90

BROWN'S PATENT ADJUSTABLE.

Fig 1348.

Nos.		1	1½	2	3	4	5	6	7
Size of Pipe,	Inches,	¼ to ½	¼ to ¾	¼ to 1¼	1 to 2	1½ to 3	2½ to 4	3 to 5	4 to 7
	Each,	$1 30	1 65	2 00	3 00	6 00	11 00	25 00	35 00

JARECKI'S ADJUSTABLE.

Fig. 1349.

	Nos.	0	1	2	3	4	5
Size of Pipe,	Inches,	⅛ to ⅜	⅜ to 1	½ to 1¼	⅞ to 2½	⅞ to 3½	1½ to 6
	Each,	$3 00	3 50	4 00	5 00	9 00	16 00

Extra Parts.

	Nos.	0	1	2	3	4	5
Extra Tong Bits, - -	Each,	$0 30	0 30	0 50	0 75	1 00	2 50
" Worm Wheels, -	"	30	30	50	60	75	1 50
" Handles, Jaw or Hook part,	"	1 00	1 00	1 25	1 50	1 75	3 00

POST DRILLS.

Fig. No. D1700

Fig. No. D1701

Swing Table.

	EACH.
No. 1½—Drills to ¾ in., and to Center of 12 in. Circle; Drill Spindle is of 1 in. Steel and is bored for ½ in. Straight Shank Drills; Feed has run of 3 inches; Upright Column and Feed Screw are Steel, Geared Hand Feed; Weight, 55 lbs.,	$6 00

	EACH
No. 101—Double Geared Self-Feed, Swing Table, Drills ¾ in., and to Center of 12 in. Circle; Drill Spindle is 1 in. Steel, and bored for ½ in. Straight Shank Drills; Feed has run of 3 inches; Upright Column and Feed Screw are of Steel; Weight, 80 lbs., ...	$8 00

Fig. No. D1702

Fig. No. D1703

Swing Table Post.

	EACH.
No. 12—Self-Feed, Swing Table, Drills from 0 to 1¾ in., and to Center of 15 in. Circle; Drill Spindle has run of 3 inches, and is **bored to take ½ in. Straight Shank Drills;** Upright Column, Drill Spindle and Feed Screw are of best Steel; Weight, 125 lbs., Crated,	$10.00

Buffalo.

	EACH.
No. 66—Buffalo, Automatic to Three Feeds, with 3⅛ in. Run; Drills to the Center of 15 in. Circle; Socket Fitted for Drills with ½ in. Round Shank, two Rates of Speed; Weight, 100 lbs., Crated, . . .	$22.00

SIMMONS HARDWARE COMPANY

BUFFALO BLACKSMITH DRILLS.

Fig No. D1704

Triple Geared, with Automatic Feed.

Nos. 71 to 74—Speed may be made fast or slow, by changing the handle from front to rear shaft. This feature increases their respective capacities nearly one-third.

Fig No. D1705

EACH.

No. 71 Hand Power, Length, 44 in., Range, ⅛ to 1¼ in., Swing, 11 in., Feed, 5 in., Weight, 125 lbs., $36.00

No. 71½—Hand and Steam Power, Length, 44 in., Range, ⅛ to 1¼ in., Swing, 11 in., Feed, 5 in., Weight, 125 lbs., . . . 40.00

No. 72—Hand Power, with Emery Wheel Attachment, Length, 44 in., Range, ⅛ to 1¼ in., Swing, 11 in., Feed, 5 in., Weight, 125 lbs., 38.00

EACH.

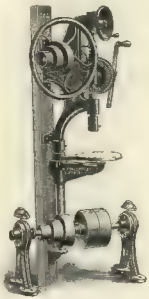
No. 74 Hand Power, with Emery Grinder, Length, 54 in., Range, ⅛ to 1½ in., Swing, 15 in., Feed, 5 in., Weight, 175 lbs., . $48.00

No. 73 Hand Power, Length, 54 in., Range, ⅛ to 1½ in., Swing, 15 in., Feed, 5 in., Weight, 175 lbs., . . . 46.00

Fig No D1708

Combined Hand and Power Machines, Triple Geared, with Automatic Feed.

Fig No D1707



EACH.

No. 75—Without Emery Wheel or Countershaft, $52.00

Length, 54 in., Drills from ⅛ to 1½ in. Hole, and to Center of 15 in. Circle, Countershaft, with Tight and Loose Pulleys, Diameter, 8 in., 2¾ in. Face, Driving Pulley, 8 in. Diameter, and 3¼ in. Face, Weight, 200 lbs.

EACH.

No. 81 With Countershaft, . . $65.00

No. 79—Without Emery Wheel or Countershaft, 52.00

Length, 54 in., Drills from ⅛ to 1½ in. Hole, and to Center of 15 in. Circle, Countershaft Cone has three changes, largest, 7 in., and smallest, 3 in. Diameter, 2¼ in. Face, Driving Pulley, 8 in. Diameter, and 3¼ in. Face, Weight, 200 lbs.

All Sockets Made for Drills with ⅝ in. Shank.

SIMMONS HARDWARE COMPANY

GREEN RIVER DRILLING MACHINES.

Showing Swinging Tables.

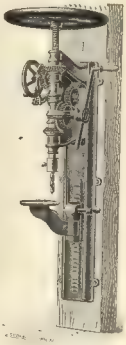
Fig. No. D1708.

No. 22 S.

Fig. No. D1709.

No. 2 S.

Fig. No. D1710.



No. 3 S.

No. 22 S

	EACH.
No. 22/S—With Swinging Table,	$22.00
	EXTRA.
Fitted with Pulley for Belt,	$ 5.00
Countershaft (Speed 90),	12.00
Wheel-Holding Attachment,	7.50
Vise, with Right and Left-Hand Screw,	10.00

Drills as large as 1 inch. Drills to center of 15 inch circle. Diameter of balance-wheel 19 inches. Drill Bits to fit this machine should have ½ inch round shanks. Weight, boxed, 180 lbs.

No. 2 S.

	EACH.
No. 2/S—With Swinging Table,	$30.00
	EXTRA.
Fitted with Pulley for Belt,	$ 5.00
Countershaft (Speed 90),	12.00
Wheel-Holding Attachment,	7.50
Vise, with Right and Left-Hand Screw,	10.00

Drills as large as 1 inch. Drills to center of 15 inch circle. Diameter of balance-wheel 19 inches. Drill Bits should have ½ inch round shanks. Weight, boxed, 180 lbs.

No. 3/S.

	EACH.
No. 3/S—With Swinging Table,	$45.25
	EXTRA.
Fitted with Pulley for Belt,	$ 5 00
Countershaft (Speed 114),	12 00
Wheel-Holding Attachment,	7 50
Tap Chuck,	8.00
Vise, with Right and Left-Hand Screw,	10 00

Drills as large as 1 inch. Drills to center of 20 inch circle. Diameter of balance-wheel 22 inches. Drill Bits should have 41/64 inch round shanks. Weight, 200 lbs.

COAL MINERS' TOOLS.

Fig. No. D163

Needles.

PER DOZEN

6 ft.—Norway Iron, ¼ in. Taper, Highly Polished, ... $24.00

6 ft.—Solid Copper, ½ in. Taper, Highly Polished, ... 39.00

Fig. No. D164.

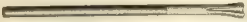
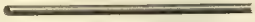


Fig. No. D165.



Tamping Ends.

PER DOZEN.

Copper—12 in. of 1 in. Round Iron, 6 in. of Copper, with Tamp on End, ... $19.00

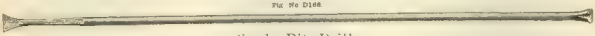
Blasting Barrels.

PER DOZEN.

6 ft.—Blasting Barrels, $\frac{13}{16}$ in. Round **Iron,** with ¼ in. Hole, ... $6.00

6 ft.—Blasting Barrel Needles, Coppered, Steel Wire, ... 3.50

Fig. No. D166



Single Bit Drills.

Iron Tamp.

Made from 1 in. Round Iron, Japanned, with Iron Tamp Bar on One End, and 8½ in. Best Tool Steel Bit, 2¼ in. Cut, on the Other End.

PER DOZEN.

6 ft.—Iron Tamp, Single Bit, ... $27.00

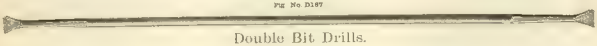
Copper Tamp

Made from 1 in. Round Iron, Japanned, with 6 in. Copper Tamp Bar on One End and 8 in. Best Tool Steel Bit, 2¼ in. Cut, on the Other End.

PER DOZEN.

6 ft.—Copper Tamp, Single Bit; $28.25

Fig. No. D167



Double Bit Drills.

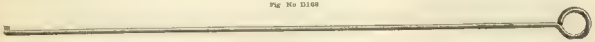
Iron Tamp.

Made from 1 in. Round Iron, Japanned, with Two $8\frac{1}{8}$ in. Best Tool Steel Bits, 2¼ in. Cut.

PER DOZEN.

6 ft.—Iron Tamp, Double Bit, ... $36.00

Fig. No. D168

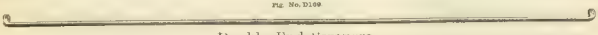


Single End Scrapers.

PER DOZEN.

6 ft.—⅜ in. Round Norway **Iron,** Japanned, ... $5.40

Fig. No. D169



Double End Scrapers.

PER DOZEN.

6 ft.—⅜ in. Round Norway **Iron,** Japanned, ... $6.60

CROW BARS.

Fig. No. D170.

Fig. No. D171.

Wedge Point.

PER POUND.

Solid Steel, Weight, 10, 12, 14, 16, 18, 20, 22 and 25 lbs.; Lengths, Assorted 5 to 6 ft., . $

Pinch Point.

PER POUND

Solid Steel, Weight, 10, 12, 14, 16, 18, 20, 22, 25 and 30 lbs.; Lengths, Assorted 5 to 6 ft., $

COAL PICKS.

Fig. No. D172

Short Ear, Cutting, Alton Pattern.

Fig. No. D173

Long Ear, Undermining, Alton Pattern.

Keen Kutter.

Made of Soft Steel, with Extra Full Weight, Best Quality, Jessop Steel Points, Fully Warranted, Japanned Finish.

	PER DOZEN.
No. K.U.S.—Undermining, Alton Pattern, **Short Ear,** Weight, 1½, 1¾, 2, 2¼, 2½ lbs.	$10 50
No. K.C.S. Cutting, Alton Pattern, **Short Ear,** Weight, 2½, 2¾, 3, 3½ lbs.,	10.50
No. K.U.L. Undermining, Alton Pattern, **Long Ear,** Weight, 1½, 1¾, 2, 2¼, 2½ lbs.,	11.00
No. K.C.L. Cutting, Alton Pattern, **Long Ear,** Weight, 2½, 2¾, 3, 3¼ lbs.,	11.00

H. M. Meier's

Made of Soft Steel, with Best Quality American Crucible Steel Points, Oil Finish.

	PER DOZEN.
No. M.U.L. Undermining, Alton Pattern, **Long Ear;** Weight, 1½, 1¾, 2 lbs.,	$10.00
2½, 2½ lbs.,	10 00
No. M.C.L.—Cutting, Alton Pattern, **Long Ear;** Weight, 2½, 2¾ lbs.	10 00
3, 3¼ lbs.,	10 00

Beall Bros.' Alton.

Cast Steel, Extra Quality, Japanned Finish.

	PER DOZEN.
No. B.U.S.—Undermining, Short Ear, Weight, 1¾, 1¾, 2, 2¼, 2½ lbs.,	$11.50
No. B.C.S.—Cutting, Short Ear, Weight, 2½, 2¾, 3, 3¼ lbs.,	11 50
No. B.U.L.—Undermining, Long Ear, Weight, 1½, 1¾, 2, 2¼, 2½ lbs.,	12.00
No. B.C.L. Cutting, Long Ear, Weight, 2½, 2¾, 3, 3¼ lbs.,	12 00

Pittsburg.

Cast Steel, Oil Finished.

	PER DOZEN
No. 1—Common Eye, Weight, 2 lbs.,	$8.50
No. 2—Common Eye, Weight, 2½ lbs ,	9.00
No. 3—Common Eye, Weight, 3 lbs.,	9 50

PICKS.

Fig. No. D174.

Gold and Silver Miners', Adze Eye.

Beall Bros. Alton.

Made of Extra Quality Tool Steel, Hand Made, Japanned Finish, Warranted.

	PER DOZEN.
Beall Bros.' Alton—Weight, 3½, 4, 4½ and 5 lbs.,	$18 00

Fig. No. D175

Prospecting.

Solid Cast Steel, Full Polished.

	PER DOZEN.
No. 1—Weight, without Handle, 1 lb.,	$15 00
No. 2—Weight, without Handle, 1 lb. 8 oz.,	16 00

One-half Dozen in a Box.

Fig. No. D176.

Standard, Mill.

Standard—Mill, Solid Cast Steel, Painted Red, Axe Finish, 2, 2¼, 2½ lbs , PER DOZEN. $20 00

One-half Dozen in a Box.

PICKS.

Fig. No. D177

Adze Eye, Quarry.

Fig No D176

Adze Eye, Railroad and Ore.

Fig No D179

Oval or Common Eye, Railroad.

	Weights,	4 x 5	5 x 6	6 x 7	7 x 8
Keen Kutter Railroad, Adze Eye, Crucible Steel, Painted Blue,	Per dozen,	$12.00	13.00	14 00	
Pittsburg—Railroad, Adze Eye, Cast Steel, Japanned,	Per dozen,	11.00	12 00	13.00	14.00
Pittsburg—Ore, Adze Eye, Cast Steel, Japanned,	Per dozen,			13 00	14.00
Pittsburg—Quarry, Adze Eye, Double Points, Cast Steel, Japanned,	Per dozen,			13.00	
Hunt's—Oval or Common Eye, Railroad, Cast Steel, Japanned,	Per dozen,		15.50	15 50	

Fig. No D163.

Adze Eye, Drifting.

	Nos.,	1	2	3	4	5
Keen Kutter—Extra Quality Crucible Steel, Painted Blue, Axe Finish,	Length, inches,	21	22	23	24	25
	Weight, pounds,	3	4	$4\frac{1}{2}$	5	6
	Per dozen,	$13.50	15 00	16.00	17 00	18 50
Pittsburg—Cast Steel, Oil Finish,	Per dozen,	$12 50	14 00	15 00	16 00	17.50

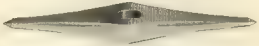
Fig No D161

Adze Eye Poll.

PITTSBURG, Cast Steel, Oil Finish.

Nos.,	1	2	3
Length, inches,	$13\frac{1}{2}$	14	15
Weight, pounds,	$3\frac{1}{2}$	4	$4\frac{1}{2}$
Per dozen,	$15.00	16 00	17.00

Fig No D162



Stone.

PER DOZEN.

Pittsburg, Cast Steel, Axe Finish, Weight, 6 to 7 lbs., $16.50

Two Dozen in a Box. Average Weight, 150 lbs.

PICK EYES.

Fig. No D183.

Adze Eye, Drifting.

Ready for Steel; Size of Eye, 3 x $1\frac{1}{8}$ inches.

	Nos.,	1	2	3	4
Iron City "Star"—Drifting, **Pick Eyes,** Natural Color,	Weight, pounds,	$2\frac{1}{4}$	4	$4\frac{1}{2}$	$4\frac{1}{2}$
	Per dozen,	$7.50	8.50	9 00	9.50

Packed Loose.

Fine Field Glasses.

MOROCCO COVERS, ACHROMATIC LENSES, ASSORTED GRADES, LIST PRICES EACH.

No. 1978. Day and Night Signal Glass.

No. 1987.	21 Ligne, Black Morocco, Lanier	$15 00
" "	24 Ligne, Black Morocco, Lanier	16 38
" "	28 Ligne, Black Morocco, Lanier	18 13

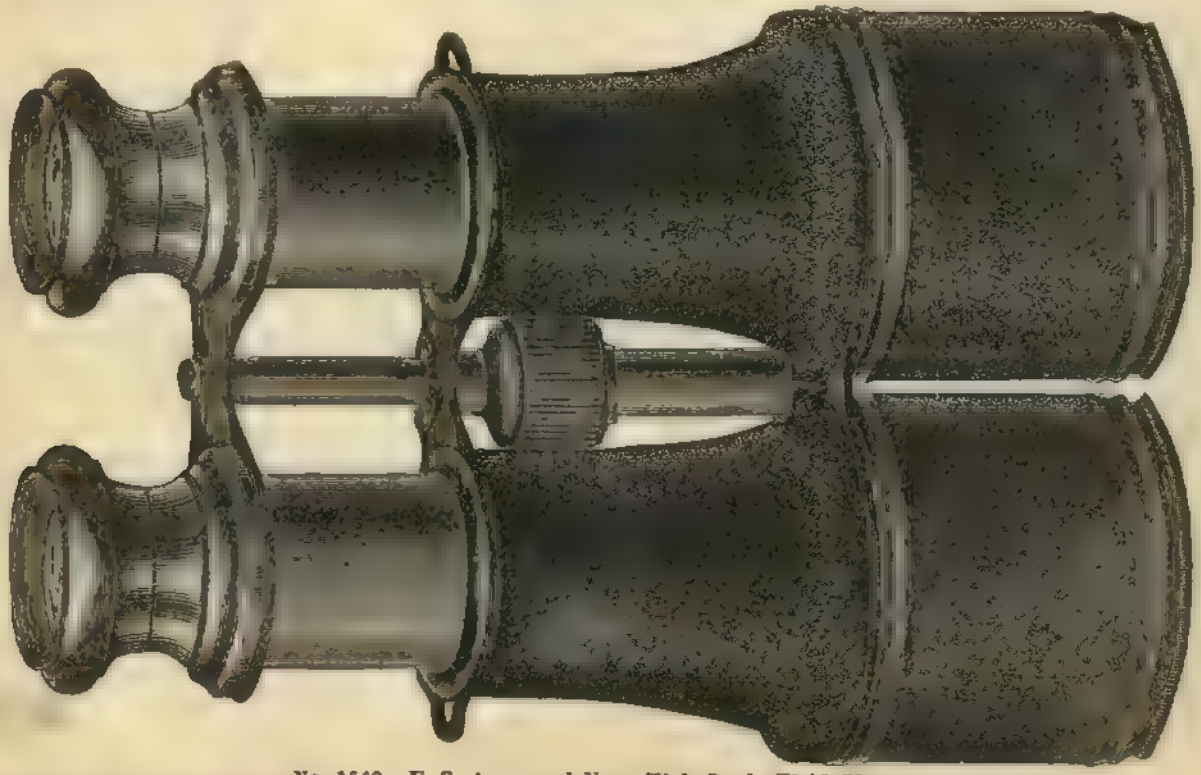
No. 1116. Field Glasses.

No 1116	9 Ligne Morocco body and Sun-shades, case and strap complete	$12 75
" "	24 Ligne Morocco body and Sun-shades, case and strap complete	16 75
" "	26 Ligne, Morocco body and Sun-shades, case and strap complete	18 00

No. 38. U. S. Army and Navy

EXTRA POWERFUL FIELD GLASSES.

No. 38.	21 Ligne, Black Morocco, Bardou's make	$37 50
" "	24 " " " " "	42 50
" "	26 " " " " "	46 25



No. 1540. U. S. Army and Navy High Grade Field Glass.

No. 1540. Achromatic Field Glass (Extra Quality) $42 50
"U. S. Army" Extra Strong Metal Body, Oxidized, Morocco Covered with Sun-shades, Case and Strap. 26 Ligne. Length when extended to a focus, 7½ inches. Power 7 times.

No. 1541. Same, 24 Ligne. 40 00
The above Glass we offer to the trade as of first quality in every respect, combining the highest attainable power with sharp definition, and as at least equal to any other Field Glass in the market.

WE FURNISH A NEAT LEATHER CASE AND SHOULDER STRAP, WITH ALL THE ABOVE GLASSES, WITHOUT EXTRA CHARGE

Field or Marine Glasses and Telescopes.

LIST PRICES EACH.

1525. Field or Marine Glasses.

Strongly made Metal Body, Morocco Covered, with Sun-shades to extend over Object Glasses, and with Case and Strap. Used by U. S. Signal Service

No.	Size of Object Glass.	Length, extended to a Focus.	Magnifying Power.	Each.
1525.	19 lignes.	5¾ inches,	5 times,	$31 25
"	21 "	6 "	5½ "	37 50
"	24 "	7 "	5¾ "	31 25
"	26 "	7½ "	6 "	34 38
"	28 "	7⅔ "	7 "	37 50

We recommend the above as superior to any other Glasses in the market, as being of high power, clear and well made

Achromatic, Style of No. 1525, Morocco, with Case, etc.

No.	Size of Object Glass.	Length, extended to a Focus.	Magnifying Power.	Each.
1525.	21 lignes,	6 inches,	4½ times,	$13 13
"	24 "	6¾ "	4¾ "	15 00
"	26 "	7¼ "	5 "	16 25

Non-Achromatic, Style of No. 1525. Morocco, with Case, etc.

No.	Size of Object Glass.	Length, extended to a Focus.	Magnifying Power.	Each.
1500.	24 lignes,	6½ inches,	3¾ times,	$11 38
"	26 "	7 "	4 "	13 13

Non-Achromatic, Style of No. 1525, Morocco Covered, with Case and Strap. Second quality

No.	Size of Object Glass.	Length, extended to a Focus.	Magnifying Power.	Each.
1310	24 lignes,	6½ inches,	3¾ times,	$9 38
"	26 "	7 "	4 "	10 00

Best Quality Plush Opera Glass Bags.

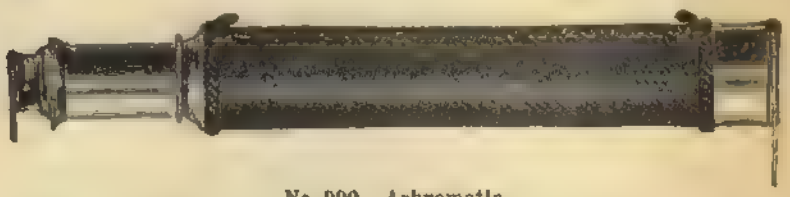
Elegant Plush Opera Glass Bags. Assorted Colors ... $1 88

Chevalier Opera Glass Cases, Lignes..	11.	13,	15.	17,	19,	21	
Each....	$1 12	$1 19	$1 38	$1 63	$1 88	$2 50	
Lemaire " " " "	1 38	1 38	1 63	2 00	2 00	3 13	
Field Glass Cases with Straps, Lignes..	21,	24,	26,				
Each ..	$5 00	$5 63	$6 88				

No. 986. Achromatic. Extra Quality.

Fine Finished Brass Telescopes, Morocco Covered Body, with Cap to cover Object Glass, and Dust Proof Shutter to the Eye-Piece

No.	Size of object Glass.	Length, Closed.	Length, Open.	Magnifying Power.	Each.
986.	10 lignes,	5¼ inches,	14¾ inches,	10 times,	$3 75
986B.	12 "	5 "	15¾ "	14 "	4 10
986C.	13 "	6¼ "	17½ "	14 "	5 00
986D.	14 "	7 "	18 "	15 "	5 63
986E.	16 "	8½ "	24¼ "	20 "	7 50
986F.	19 "	9½ "	29 "	26 "	10 00
986G.	22 "	10½ "	36 "	35 "	17 50



No. 990. Achromatic.

Large Ship Telescope, Corded Body, Brass Tubes, and ends provided with Sliding Shutters to keep dust out.

No.	Size of Object Glass.	Length, Closed.	Length, Open.	Magnifying Power.	Each.
990	16 lignes.	5 inches,	23½ inches,	20 times,	$10 63
990½.	Same, Finely Burnished and Extra Quality.....				15 00

Same as No. 990 but Morocco Covered Body, Burnished Brass Sun-shade and Tube, with Slip Cap and Dust Protector.

No.	Size of Object Glass.	Length, Closed.	Length, Open, including Shade.	Magnifying Power.	Each.
990.	16 lignes,	9¼ inches.	27 inches,	20 times,	$14 75
"	19 "	22 "	29 "	26 "	19 88

No. 988. Achromatic.

Brass Telescope with Morocco Covered Body, Brass Sun-shade and Cap, Dust Proof Shutter to the Eye Piece.

No.	Size of Object Glass.	Length, Closed.	Length, Open, including Shade.	Magnifying Power.	Each.
988.	12 lignes,	6 inches,	16½ inches,	14 times,	$5 00
988B.	13 "	6½ "	19 "	14 "	6 00
988C.	14 "	7½ "	19¾ "	20 "	7 50
988D.	16 "	8 "	25 "	23 "	10 00
988E.	19 "	10 "	32½ "	27 "	12 50
988F.	22 "	11 "	40 "	30 "	21 88

No. 900. Non-Achromatic, Four Draw.

No.		Per Doz.
900.	1 Draw Brass Telescope, Colored Enamel Body.....	$5 50
900A.	2 " " " " " "	8 25
900B.	3 " " " " " "	10 50
900C.	4 " " " " " "	14 25

No. 994. Tourists' Telescopes.

Brass Telescopes, Morocco Covered Body Polished Brass Tubes, Morocco Caps, to which are fastened durable straps, to sling over the shoulders for Tourists' use

No.	Size of Object Glass.	Length, Closed.	Length, Open.	Magnifying Power.	Each
994.	14 lignes,	7½ inches,	18¼ inches,	20 times,	$8 35
994A.	16 "	8 "	24 "	23 "	11 25

Same, in Extra Quality Lenses, etc., $1 88 each additional.

Opera Glass Holders and Lorgnettes.

The use of this new and handsome invention gives rest to the hand and arm, and can be used with ease and comfort, avoiding the fatigue and awkwardness in which Opera Glasses are held. The holders are elegantly finished, and are a valuable and useful ornament.

LIST PRICES.

No. 1725. No. 1701. No. 1711. No. 1721. No. 1704.

No. 504. Lorgnette.

No. 503. Lorgnette.

No. 503.	Shell, Celluloid. ...	$ 7 50
No. 504.	Tortoise Shell ...	12 50
No. 505.	Celluloid.	5 00
No. 506.	Silver Plated.	11 25

Opera Glass Holders.

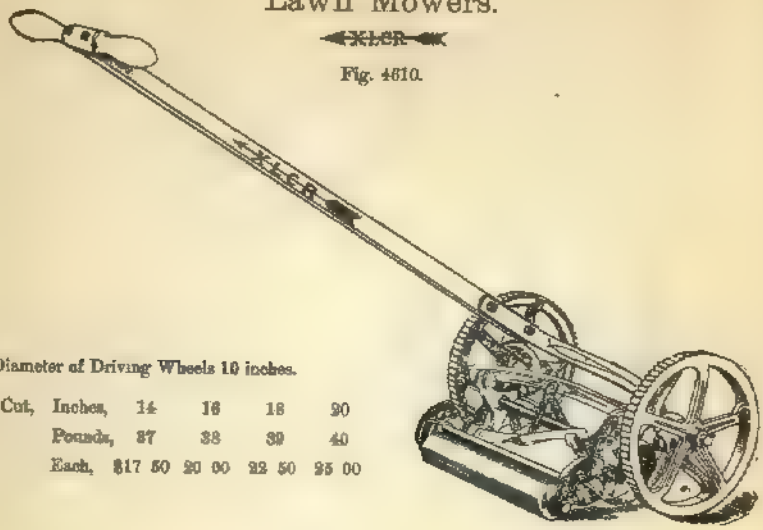
No. 1701.	Gold Filled, Extra Heavy Chased, Large Bulb Handle, One Slide	$12 50
No. 1702.	Silver " " " " " " " "	12 50
No. 1703.	" Oxidized, " " " " " " "	12 50
No. 1704.	Gold Filled, Handsomely Chased, One Slide	11 25
No. 1707.	Silver " "	11 25
No. 1708.	" Oxidized " " "	11 25
No. 1711.	Gold Filled, " " Shield for Monogram, One Slide	10 63
No. 1712.	Silver " " " "	10 63
No. 1713.	" Oxidized " " " " "	10 63
No. 1721.	Celluloid, White or Black, Assorted Designs, One Rolled Gold Plate Slide	6 88
No. 1722.	" " " " Silver Plate Slide	6 88
No. 1723.	" " " " " Two " " "	8 13
No. 1724.	" " " " " " Rolled Gold Plate Slides	8 13
No. 1725.	White Metal, Extra Heavy Silver Plated, Oxidized, Assorted Chasing, One Slide	6 25
No. 1726.	Pearl, any Color or Striped, One Rolled Gold Plate Slide	15 00
No. 1727.	" " " " Silver Plate Slide.....	15 00
No. 1728.	" " Two " " Slides	16 25
No. 1729.	" " " " Rolled Gold Plate Slides	16 25

The formation of this Holder is simplicity itself. It works as follows: Place the lower bar of the Opera Glass in the slot of the Holder, so that the upright will be in the groove; then tighten the screw by a straight twist of the handle to the right, and you have it securely fastened. The facing of the clasps being protected with Kid, prevents the defacing of the Opera Glass. This is a new feature.

The Opera Glass may at convenience be tilted to the right or left, according to the hand in which it is held, thus keeping it in the horizontal position before the eyes.

Lawn Mowers.

Fig. 4610.

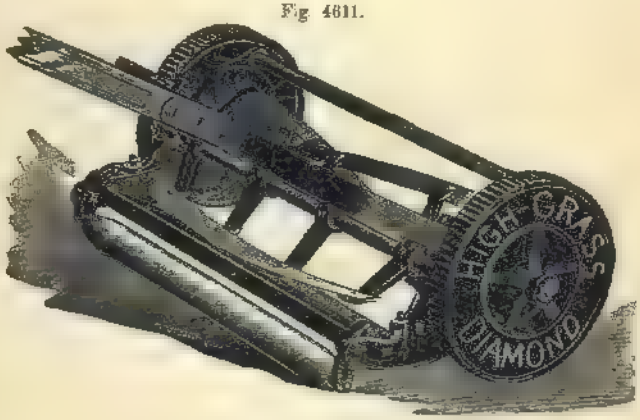


Diameter of Driving Wheels 10 inches.

Width of Cut,	Inches,	14	16	18	20
Weight,	Pounds,	37	38	39	40
	Each,	$17 50	20 00	22 50	25 00

DIAMOND.

Fig. 4611.



Diameter of Driving Wheels 10½ inches.

Width of Cut,	Inches,	16	18	20	24
Weight,	Pounds,	50	52	55	62
	Each,	$25 00	26 00	31 00	34 00

All above Lawn Mowers, One in a Box.

Lawn Mowers.

PHILADELPHIA.

Fig. 4612.

Style D.

Diameter of Driving Wheels, 6½ inches.

Width of Cut,	Inches,	10	12
Weight,	Pounds,	26	28
	Each,	$13 00	15 00

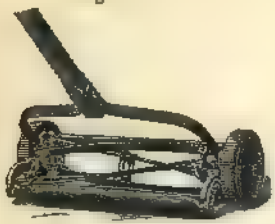
Fig. 4613.

Style M.

Diameter of Driving Wheels, 7 inches.

Width of Cut,	Inches,	14	16	18	20
Weight,	Pounds,	36	38	44	46
	Each,	$17 00	18 00	21 00	23 00

Fig. 4614.



Style S.

Diameter of Driving Wheels, 7 inches.

Width of Cut,	Inches,	14	16	18
Weight,	Pounds,	33	34	36
	Each,	$17 00	19 00	21 00

Fig. 4615.

Style L.

Diameter of Driving Wheels, 9 inches.

Width of Cut,	Inches,	15	17
Weight,	Pounds,	46	48
	Each,	$22 00	25 00

All above Lawn Mowers, One in a Box.

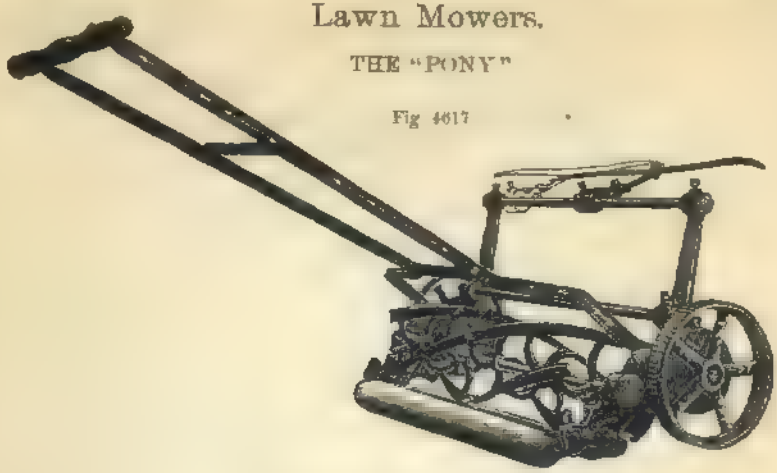
Fig. 4616.

30-inch Cut, Horse Lawn Mower, with Shafts and Seat, weight 350 pounds, - each, $120 00
36- " " " " " " 450 " - " 160 00

Lawn Mowers.

THE "PONY"

Fig 4617



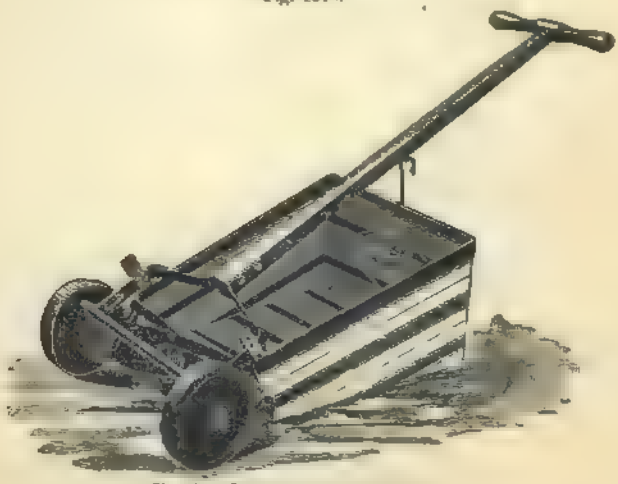
Can be used by a man and a boy, or with a pony

Diameter of Driving Wheels 10½ inches.

24-inch Cut Pony Lawn Mower, with Draft Rod, Weight 119 pounds, - -	each,	$45 00
36 " " " " " " 124 " - - - -	"	50 00

Grass Catcher.

Fig. 4618.



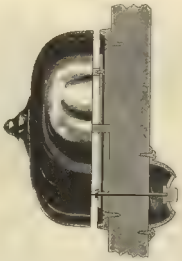
Showing Catcher attached to Mower

No. 2, Canvas Grass Catcher, Wire Stiffened, Adjustable to any Mower, - - -	per dozen,	$.2 00

SIMMONS HARDWARE COMPANY

DOOR BELLS.

Fig. No. D2991



New Departure Bells have a stroke similar to an Electric Bell, and work with a clock movement. Each working part is as carefully made as that of the best clocks. The Bell is wound up by turning the gong, and no care is required beyond winding once or twice a year.

New Departure.

	PER DOZEN.
No. 120—New Departure, 3½ in., Nickel Plated, **Bell Metal Gong, Plain Bronze Push Button,**	$21.00
No. 220—New Departure, 3½ in., Nickel Plated, **Bell Metal Gong, Ornamental Bronze Push Button, No. 4 Finish, Chocolate Color Background,** Polished Raised Surface,	21 00
No. 70—New Departure, 4 in., Nickel Plated, **Bell Metal Gong, Ornamental Bronze Push Button, No. 4 Finish, Chocolate Color Background,** Polished Raised Surface,	30.00
No. 80—New Departure, 5 in., Nickel Plated. **Bell Metal Gong, Ornamental Bronze Push Button, No. 4 Finish, Chocolate Color Background,** Polished Raised Surface,	36 00

One-twelfth Dozen in a Box. Packed with Screws

ELECTRIC HOUSE BELLS.

In Sets.

Battery for Bell Set No. 11.

For circuits of over 300 feet an additional battery is required.

Fig. No. D2932

Bell and Push Button for Bell Sets Nos. 11 and D11.

Battery for Bell Set No. D11.

	PER SET.
No. 11 Set Complete, 3 in., Nickel Plated **Bell, Iron Box,** Plain **Bronze Push Button, Disk Battery,** with **50 feet Insulated Wire,**	$3.00
No. D11 Bell, **Set Complete, 3 in.,** Nickel Plated **Bell, Iron Box,** Plain **Bronze Push Button, Dry Battery,** with **50 feet Insulated Wire,**	3 00
	EACH
Extra Dry Batteries for No. D11, 6 in. high, 2¾ in. diameter; Weight, 2 lbs.,	1.25

Dry batteries are ready for instant use; have no glass jars to break, and no solution to prepare.

One Set in a Wood Box. Complete with Screws and Staples.

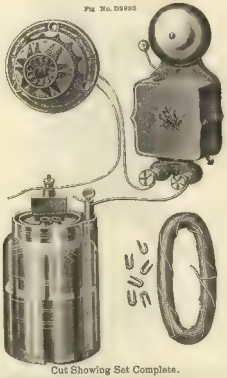
SIMMONS HARDWARE COMPANY

ELECTRIC HOUSE BELLS.

In Sets.

Fig. No. D2833

For circuit of over 500 feet an additional battery is required.



Cut Showing Set Complete.

PER SET.

No. 1 Set Complete, 3 in Nickel Plated **Bell, Iron Box, Ornamental Bronze, No. 1 Light Color Finish Push Button,** Leclanche Battery, with **75 feet Insulated Wire,** $6.75

Fig. No. D2834

For circuits over 500 feet an additional battery is required.

Cut Showing Set Complete.

PER SET.

No. X16 Set Complete, 3 in. Nickel Plated **Bell, Iron Box, Ornamental Bronze, No. 1 Light Color Finish Push Button,** Leclanche Battery, with **75 feet Insulated Wire,** $5 25

Electric Bell Wire.

PER POUND.

No. 18—Electric Bell Wire, Insulated, ... $1.00

One Set Complete in a Box. Full Directions in Each Box.

DOOR BELLS.

New Improvement.

Fig. No. D2927

New Improvement Bells have a stroke similar to Electric Bells. They work with Slotted Hammer and Cog Wheel Movement; **require no winding whatever,** any one can put them up, and they are not liable to get out of order.

Patented in U. S., April 14, 1891.
Patented in Canada, September 19, 1892

PER DOZEN.

No. 103—"Leader", New Improvement, **4 in.** Nickel Plated **Steel Gong,** Nickel Plated Base, **Bronze Plated Iron Turn** Key and Plate, 2½ x 2 , in , **No. 3 Finish. Black Background,** Polished Raised Surface, $16.50

Fig. No. D2928

Patented in U. S., April 14, 1891
Patented in Canada, September 19, 1892.

Fig. No. D2929

Patented in U. S., April 14, 1891
Patented in Canada, September 19, 1892.

New Improvement, for Jamb of Doors.

New Improvement, 4 in. Nickel Plated **Bell Metal Gong,** Nickel Plated Base, 3¼ x 1¾ in., **12 in. Red** (which can be cut off to any length desired).

PER DOZEN.

No. 101 Ornamental Bronze Turn Key and Oblong Plate, 3¼ x 1¾ in., **No. 1 Light Color Finish,** $26 00

No. 104—Ornamental Bronze Turn Key and Oblong Plate, 3¼ x 1¾ , in , **No. 4 Finish, Chocolate Color Background,** Polished Raised Surface, . . 26.00

New Improvement.

New Improvement, 4 in. Nickel Plated Bell Metal Gong, with Nickel Plated Base

PER DOZEN.

No. 1—Ornamental Bronze Turn Key and Plate, 2¾ in., **No. 1 Light Color Finish,** $24.00

No. 3—Ornamental Bronze Turn Key and Plate, 2¾ in., **No. 4 Finish, Chocolate Color Background,** Polished Raised Surface, 24.00

New Improvement, 3 in. Nickel Plated **Bell Metal Gong,** Nickel Plated Base.

PER DOZEN.

No. 201—Ornamental Bronze Turn Key and Plate, 2¾ in , **No. 1 Light Color Finish,** $20.00

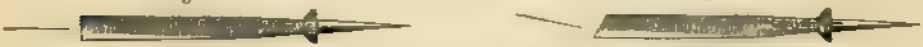
No. 204—Ornamental Bronze Turn Key and Plate, 2¾ in., **No. 4 Finish, Chocolate Color Background,** Polished Raised Surface, 20.00

One-twelfth Dozen in a Box. Complete with Screws.

London Style Carving Tools.

STRAIGHT AND BEVELED CHISELS

Fig. 222. Fig. 223.

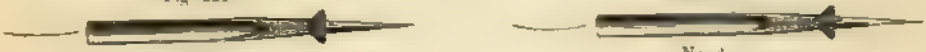


No. 1. Nos. 1 and 2. No. 2.

Inches,	1/16	1/8	3/16	1/4	5/16	3/8	7/16	1/2	5/8	3/4	7/8	1
Per Dozen,	$2 70	2 70	2 70	2 70	2 70	2 70	2 70	2 70	2 80	3 15	3 60	3 85

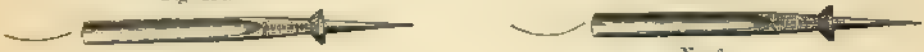
STRAIGHT GOUGES

Fig. 224. Fig. 225.



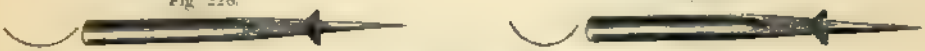
No. 3. No. 4.

Fig. 226. Fig. 227.



No. 5. No. 6.

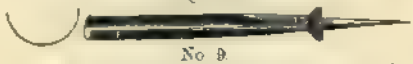
Fig. 228. Fig. 229.



No. 7. Nos. 3, 4, 5, 6, 7, 8. No. 8.

Inches,	1/16	1/8	3/16	1/4	5/16	3/8	7/16	1/2	5/8	3/4	7/8	1
Per Dozen,	$3 15	3 15	3 15	3 15	3 15	3 15	3 15	3 15	3 30	3 75	4 25	4 60

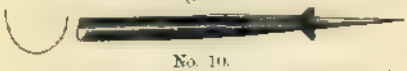
Fig. 230.



No. 9.

Inches,	1/16	1/8	3/16	1/4	5/16	3/8	7/16	1/2	5/8	3/4	7/8	1
Per Dozen,	$3 35	3 35	3 35	3 35	3 35	3 35	3 35	3 35	3 60	4 00	4 75	5 50

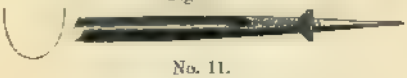
Fig. 231.



No. 10.

Inches,	1/16	1/8	3/16	1/4	5/16	3/8	7/16	1/2	5/8	3/4	7/8	1
Per Dozen,	$3 60	3 60	3 60	3 60	3 60	3 60	3 60	3 60	3 90	4 20	5 50	6 40

Fig. 232.



No. 11.

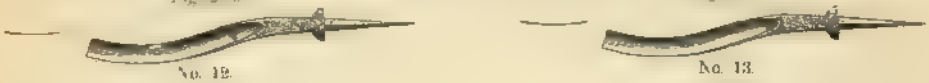
Inches,	1/16	1/8	3/16	1/4	5/16	3/8	7/16	1/2	5/8	3/4	7/8	1
Per Dozen,	$3 60	3 60	3 60	3 60	3 60	3 60	3 60	3 80	4 25	5 60	6 50	7 50

VEINING TOOLS.

Assorted to 1/4 inch, Straight, - - - - - - per dozen, $3 00
" 1/4 " Bent, - - - - - - - 4 00

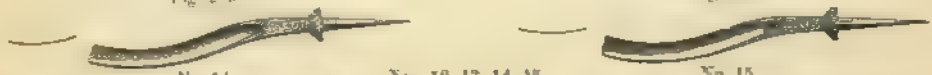
LONG BEND OR CURVED GOUGES.

Fig. 233. Fig. 234.



No. 12. No. 13.

Fig. 235. Fig. 236.



No. 14. Nos. 12, 13, 14, 15. No. 15.

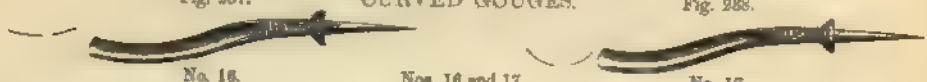
Inches,	1/16	1/8	3/16	1/4	5/16	3/8	7/16	1/2	5/8	3/4	7/8	1
Per Dozen,	$3 80	3 80	3 80	3 80	3 80	3 80	3 80	3 80	4 60	4 40	5 85	6 75

Orders [illegible] dozens [illegible] above [illegible] filled at [illegible] list, and for [illegible] dozens at [illegible] list for each one.

London Style Carving Tools.

CURVED GOUGES.

Fig. 237. Fig. 238.



No. 16. Nos. 16 and 17. No. 17.

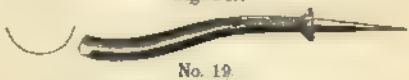
Inches,	1/16	1/8	3/16	1/4	5/16	3/8	7/16	1/2	5/8	3/4	7/8	1
Per Dozen,	$3 80	3 80	3 80	3 80	3 80	3 80	3 80	3 80	4 00	4 70	5 85	6 75

Fig 239.

No. 18.

Inches,	1/16	1/8	3/16	1/4	5/16	3/8	7/16	1/2	5/8	3/4	7/8	1
Per Dozen.	$4 00	4 00	4 00	4 00	4 00	4 00	4 00	4 00	4 25	4 90	6 25	7 50

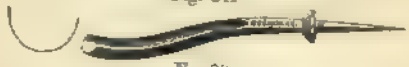
Fig. 240.



No. 19.

Inches,	1/16	1/8	3/16	1/4	5/16	3/8	7/16	1/2	5/8	3/4	7/8	1
Per Dozen,	$4 00	4 00	4 00	4 00	4 00	4 00	4 00	4 25	4 60	5 50	6 75	8 00

Fig. 241

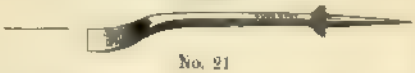


No. 20.

Inches,	1/16	1/8	3/16	1/4	5/16	3/8	7/16	1/2	5/8	3/4	7/8	1
Per Dozen,	$4 00	4 00	4 00	4 00	4 00	4 00	4 00	4 25	5 00	6 20	7 50	8 75

FRONT BENT CHISELS

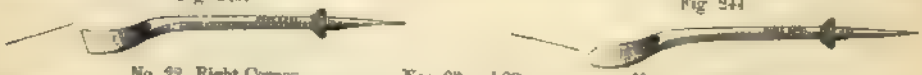
Fig 242



No. 21

Inches,	1/16	1/8	3/16	1/4	5/16	3/8	7/16	1/2	5/8	3/4	7/8	1
Per Dozen.	$3 40	3 40	3 40	3 40	3 40	3 40	3 40	3 40	3 60	4 00	4 70	5 85

Fig 243. Fig 244

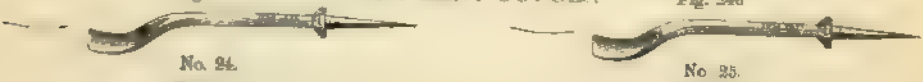


No. 22, Right Corner. Nos. 22 and 23. No. 23, Left Corner.

Inches,	1/16	1/8	3/16	1/4	5/16	3/8	7/16	1/2	5/8	3/4	7/8	1
Per Dozen.	$3 50	3 50	3 50	3 50	3 50	3 50	3 50	3 50	3 70	4 10	4 80	6 [illegible]

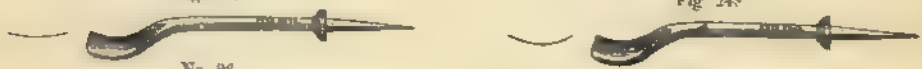
Fig. 245. Fig. 246

FRONT BENT GOUGES.



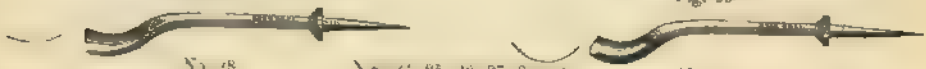
No. 24. No. 25.

Fig. 247. Fig 248



No. 26 No. 27

Fig. 249. Fig. 250



No. 28. Nos. 24, 25, 26, 27, 28, 29 No. 29

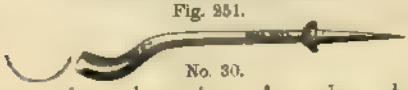
Inches,	1/16	1/8	3/16	1/4	5/16	3/8	7/16	1/2	5/8	3/4	7/8	1
Per Dozen,	$4 00	4 00	4 00	4 00	4 00	4 00	4 00	4 00	4 35	4 70	5 85	6 75

Orders for [illegible] of above Goods [illegible] at [illegible] list, and for [illegible] dozens at [illegible] list for each one.

London Style Carving Tools.

FRONT BENT GOUGES

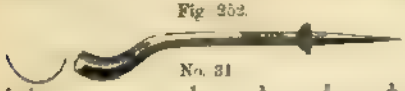
Fig. 251.



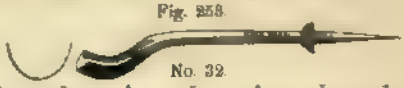
No. 30.

Inches,	1/16	1/8	3/16	1/4	5/16	3/8	7/16	1/2	3/4	1	1 1/4	1 1/2
Per Dozen,	$4 00	4 00	4 00	4 00	4 00	4 00	4 00	4 00	4 50	4 50	6 25	7 50

Fig. 252. Fig. 253.



No. 31



No. 32.

Inches,	1/16	1/8	3/16	1/4	5/16	3/8	7/16	1/2	5/8	3/4	7/8	1
Per Dozen,	$4 30	4 30	4 20	4 20	4 20	4 20	4 20	4 20	5 00	6 00	7 00	9 50

Fig. 254. Fig. 255.

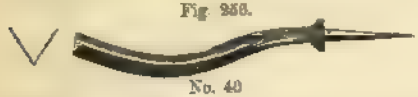
PARTING TOOLS.

No. 39.

No. 45

Inches,	1/16	1/8	3/16	1/4	5/16	3/8	7/16	1/2	5/8	3/4	7/8	1
Per Dozen,	$4 75	4 75	4 75	4 75	4 75	4 75	4 75	4 75	5 85	7 50	9 50	13 50

Fig. 256. Fig. 257.

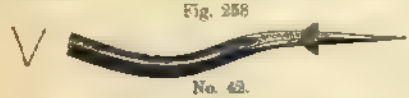


No. 40

No. 41

Inches,	1/16	1/8	3/16	1/4	5/16	3/8	7/16	1/2	5/8	3/4	7/8	1
Per Dozen,	$5 30	5 30	5 30	5 30	5 30	5 30	5 30	5 30	6 50	8 25	10 25	13 00

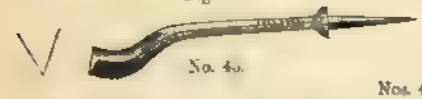
Fig. 258 Fig. 259



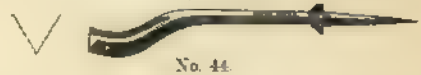
No. 42.

No. 46.

Fig. 260. Fig. 261.



No. 43.



No. 44.

Nos. 42, 43, 44 and 46.

Inches.	1/8	1/4	3/16	1/2	5/16	3/4	7/16	5/8	3/4	7/8	1 1/4	1
Per Dozen,	$5 30	5 30	5 30	5 30	5 30	5 30	5 30	5 50	6 75	8 50	10 50	13 50

Orders for 1/12 dozens of above Goods billed at 1/6 list, and for 1/2 dozens at 1/4 list for each one.

Amateur Carving Tools.

Of best quality, Handled, Ground Sharp, in sets as follows:

Fig. 262.

No. 1,	Millers Falls,	6	Tools,	Assorted,	in wood box,	Small Size,		per set,	$1 00
2,	" "	6	"	"	" "	Medium "		"	1 50
15,	Buck Bros.',	6	"	"	paper "	" "		"	1 85
20,	" "	8	"	"	" "	" "		"	2 50
30,	" "	12	"	"	" "	" "		"	3 80

Oilers.

COMMON
Fig. 2349

PARAGON.
Fig. 2350

ENGINEERS'.
Fig. 2351.

Common.

Nos.,	00	0	1	2	3	4	5	6
Zinc, Per Dozen,	$1 00	1 [illegible]	1 50	2 00	2 25	2 75	3 50	4 [illegible]
Brass, "		2 [illegible]	[illegible]	3 50	4 00	4 75	6 00	[illegible]
Copper,		2 50	2 [illegible]	3 75	4 25	5 00	6 25	8 00

Common, with 9 inch Bent Spout.

	Nos.	3	4	5	6
Brass,	Per Dozen,	$4 50	5 25	6 50	8 00
Copper	"	4 75	5 50	6 75	8 50

Oil

1 pint,	per dozen,	$3 75
1 quart,	"	4 50
2 quarts,	"	6 00

Paragon.

Nos.,	0	1	2	3	4	5	6
Zinc, Per Dozen,	$2 00	2 25	3 00	3 25	4 75	4 50	5 50
Brass, "	[illegible]	3 50	4 50	5 [illegible]	6 00	7 00	8 50
Copper, "	3 25	3 75	4 75	5 50	6 25	7 25	8 75

All above Oilers, One-half Dozen in a Box.

AUTOMATIC
Fig. 2359.

MOWING MACHINE
Fig. 2353.

Fig. 2354.

HAMMER'S
Fig. 2355.

WALL'S.
Fig. 2356.

Zinc.

No. 0,	per doz.,	$3 00
1,	"	3 50
2,	"	4 00
3,	"	4 50

No. 625.

No. 625, Oval, Tin,	per dozen,	$1 85
799, Round, Tin,	"	1 75

No. 799.

Malleable Iron.

No. 1,	per doz.,	$3 60
2,	"	4 00
3,	"	4 40
Ex. Tubes	"	1 80

Steel.

No. 110, per doz. $6 00

Oilers.

DRAPER'S PATENT.

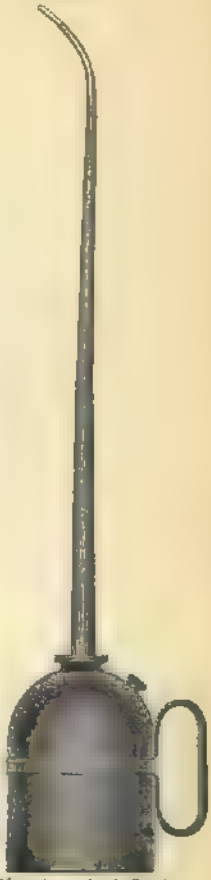
Fig. 2357

Nos. 12 and 13 Steel.
Nos. 120 and 130 Brass.

Fig. 2358.

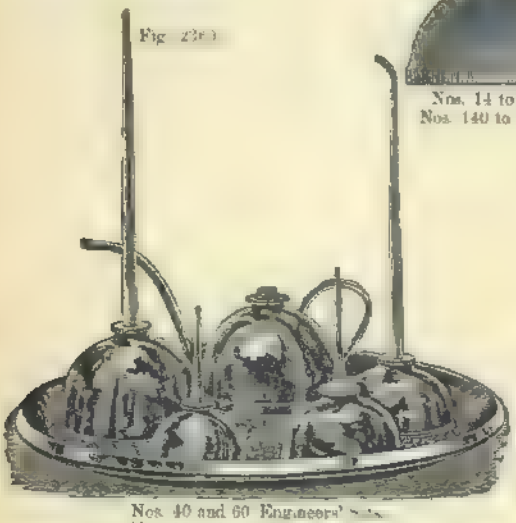
Nos. 14 to Steel.
Nos. 140 to 160 Brass.

Fig. 2359.



Nos. 10 and 11 Steel.
Nos. 17 and 18 Brass.

Fig. 2360



Nos. 40 and 60 Engineers' Sets.
Nos. 80 and 100 Steamboat Sets.

STEEL.

Nos.	10	11	12	13	14	15	16
Per Doz.	$14 00	18 00	4 50	5 50	6 50	9 25	10 50
Diam., Inches.	3⅜	4¼	2¾	3⅜	3⅜	4¼	4¼
L'gth of Spout "	12	18	2¼	3	9	3	9

BRASS.

Nos.	17	18	120	130	140	150	160
Doz.	$18 00	21 00	6 50	8 00	9 20	12 00	14 00
Diameter, Inches.	3⅜	4¼	2¾	3¼	4½	4¼	4¼
L'gth of Spout, "	12	18	2¼	3	9	3	9

Nos. 10 and 17 are 5 inches high and hold 1 pint, Nos. 11 and 18 are 6 inches high and hold 1 quart.

In Sets.

ENGINEERS'.

No. 30,	5 pieces,	Brass,	per set, $ 6 00
40,	6 "	"	" 9 00
50,	5 "	Nickel-plated,	" 8 00
60,	6 "	"	" 11 00

STEAMBOAT.

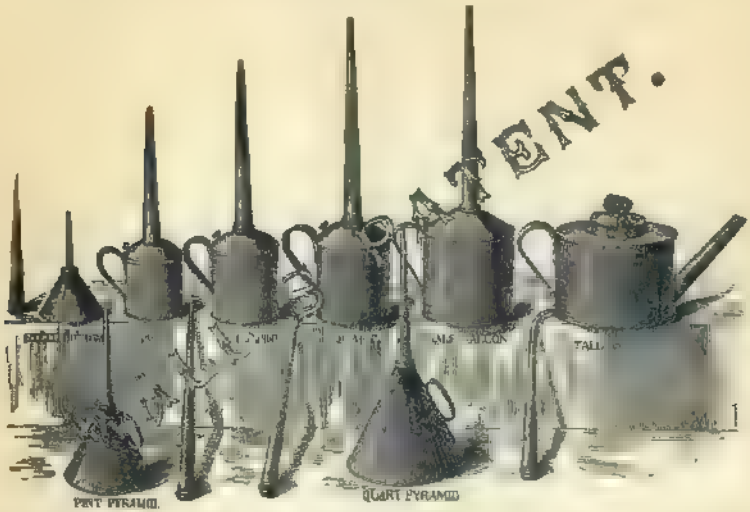
No. 70,	5 pieces,	Brass.	per set, $ 7 00
80,	6 "	"	" 10 00
90,	5 "	Nickel-plated,	" 9 00
100,	6 "	"	" 12 00

The Steamboat Sets are so constructed that the motion of the boat will not displace the Oilers.

Oilers and Oil Can Fillers.

WALL'S PATENT, STEEL, BRAZED OILERS.

Fig. 2361.



No. 02, 1 pt. Pyramid, Steel. Brazed.	per doz.	$ [illegible]	
03, 1 qt. " " "	"	10 00	
0, 2 qt. Broad Top, Pat Vent, "	"	15 00	
1, 1 qt. " " "	"	13 00	
No 2, 1½ pt. Broad Top, Pat. Vent, Brazed,	per doz.	$12 00	
3, 1 pt " " "	"	12 00	
4, 1 gal Tallow Pots, Broad Top, " "		18 00	

POCKET OILER

Fig. 2362.

No. 2.

OIL CAN FILLERS.

Draper's.

Fig. 2363.

Nos. 19, 20, 190 and 200.

Spun.

Fig. 2364.

Nos. 362 and 363.

Pocket Oilers.

No 1, Plain Tin,	per dozen,	$1 00
2, Nickel-plated,	"	1 50
3, Gilt, Embossed,	"	2 00

Spun Fillers.

No 362, 1 pint, Brass,	per dozen,	$12 00
363, 1 quart, "	"	21 00

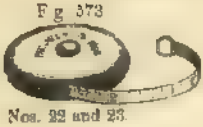
Draper's Fillers.

No. 19, 1 pint, Steel,	per dozen,	$14 00
20, 1 quart, "	"	20 00
No. 190, 1 pint, Brass,	per dozen,	$22 00
200, 1 quart, "	"	30 00

Measuring Tapes.

SELF-ACTING SPRING, POCKET.

Fig. 573



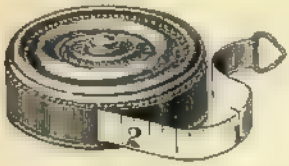
Nos. 22 and 23.

Fig. 574.

Nos. 320 to 330.

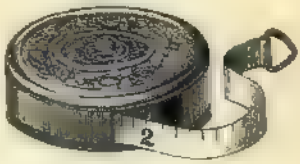
No.	22,	3 Feet,	Nickel plated Case,	with Patent Stop.	Linen Tape	½	inch wide,				per dozen,	$ 3	25
	23,	5	"	"	"	"	"	½	"		"	5	75
	320,	3	"	"	"	"	"	⅝	"		"	9	00
	323,	6	"	"	"	"	"	⅝	"		"	11	00
	330,	12	"	"	"	"	"	⅝	"		"	15	00

Fig. 575



No. 0155.

Fig. 576.



No. 255

No.	0155,	5 Feet	Nickel-plated,	Beaded Case,	with Patent Stop,	Linen Tape,	$\frac{5}{16}$	inch wide,			per dozen,	$4	50
	255,	5	"	"	Embossed	"	"	"	"	$\frac{5}{16}$	"	4	50

One-half Dozen in a Box

STEEL, POCKET.

Fig. 577

No. 36ss.

Fig. 578.

Nos. 153 to 156

Fig. 579.

No. 605.

No.	36ss,	3 Feet,	Chesterman's,	German Silver Case,	with Spring Stop,	Divided	$\frac{1}{16}$				per dozen,	$16	00
	36ss,	5	"	"	"	"	"	"	"	$\frac{1}{16}$	"	20	80
	36ss,	6	"	"	"	"	"	"	"	$\frac{1}{16}$	"	23	20
	36ss,	9	"	"	"	"	"	"	"	$\frac{1}{16}$	"	30	40
	36ss,	12	"	"	"	"	"	"	"	$\frac{1}{16}$	"	37	60
	36ss,	18	"	"	"	"	"	"	"	$\frac{1}{16}$	"	53	00
	153,	3	"	Lufkin's,	Nickel-plated Case,		"	"	"	$\frac{1}{16}$	"	14	00
	154,	4	"	"	"	"	"	"	"	$\frac{1}{16}$	"	16	00
	155,	5	"	"	"	"	"	"	"	$\frac{1}{16}$	"	18	00
	156,	6	"	"	"	"	"	"	"	$\frac{1}{16}$	"	20	00
	605,	25	"	Excelsior,	"	"	Folding Flush Handle,		"	$\frac{1}{16}$	"	66	00

One-half Dozen in a Box.

Measuring Tapes.

ASSES' SKIN, BRASS BOUND CASE.

With Folding Handles.

Fig. 580.

Cotton Tape, ½ inch wide.

Nos.	30	32	33	34	36	37
Feet,	25	40	50	66	75	100
Per Dozen,	$3 75	4 50	5 00	6 00	7 50	9 00

PATENT LEATHER CASE.

With Folding Handles.

Fig. 581.

Best Cotton Tape, ½ inch wide.

Nos.	40	42	43	45	46	48
Feet,	25	40	50	66	75	100
Per Dozen,	$4 75	5 75	6 25	7 25	8 75	10 75

SURVEYORS' SUPER.

Patent Leather Case, Heavy Holland Tape, ½ inch wide

Nos.	70	71	72	73
Feet,	50	66	75	100
Per Dozen,	$14 00	15 00	16 00	18 00

Pressed Leather Case.

With Folding Handles.

Fig. 582.

Super Cordial Linen Tape, ½ inch wide.

Nos.	260	262	263	264	265
Feet,	33	50	66	75	100
Per Dozen,	$7 00	10 00	12 00	13 00	15 00

Bend Leather Case.

With Folding Handles.

Fig. 583.

Heavy Holland Tape, ½ inch wide.

Nos.	120	121	122	123
Feet,	50	66	75	100
Per Dozen,	$16 00	17 00	18 00	20 00

All above Measuring Tapes, One-half Dozen in a Box

EXCELSIOR STEEL TAPES.

Fig. 584.

Nos. 6502 and 6503

Fig. 585.

No. 6750.

Length, Feet,	50	100
No. 6502, Excelsior Steel Tape, ½ inch wide, Brass Frame, Pat. Folding Handle, Divided in 10ths, each	$6 60	$12 10
6503, " " ¾ " " " " 12ths, "	6 90	12 10

6745, Narrow Steel Tape, ⅜ or ½ inch wide, with two Brass Handles, Graduated at every 50 feet, on Plain Reel, without Handle and Crank

6750, Narrow Steel Tape, ⅜ or ½ inch wide, with two Brass Handles to Unship, Graduated at every 25 feet, on Fine Reel, with Handle and Crank, 7 75

Extra Lengths, per 100 feet, for 6745, $3 30; for 6750, $3 70.

Measuring Tapes.

Chesterman's Metallic and Treble.

Fig. 588.

Nos. 34L and 1533

In Leather Cases, divided either in 10ths or 12ths.

No. 34L, With Metallic Tape, ⅜ inch wide.

Feet,	25	50	66	75	100
Each,	$1 85	2 60	3 00	3 30	4 20

No. 1533, With Treble Tape, ⅜ inch wide.

Feet,	25	50	66	75	100
Each,	$1 00	1 40	1 60	1 75	2 20

CHESTERMAN'S CONSTANTIA

Fig. 587

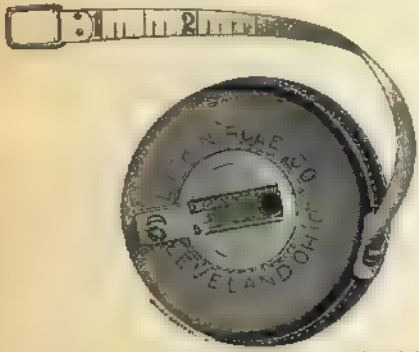
No. 1527, Constantia, Extra Heavy

Fine quality Linen Tape, ⅜ inch wide, in Leather Case, divided either in 10ths or 12ths.

Feet,	50	66	75	100
Each,	$2 80	3 30	3 60	4 60

LUFKIN RULE CO.'S STEEL.

Fig. 588.

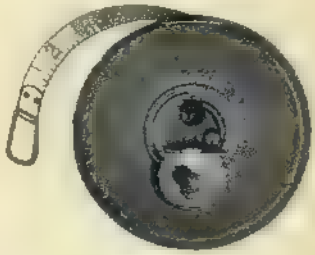


Leather Case, Steel Tape, ⅜ inch wide, Divided either in 10ths or 12ths.

No. (10ths),	200D	202D	203D	204D	205D	206D
No. (12ths),	200	202	203	204	205	206
Feet,	25	40	50	66	75	100
Each,	$4 50	6 00	7 20	9 20	10 40	12 80

CHESTERMAN'S STEEL.

Fig. 589.



In Leather Cases, Divided either in 10ths or 12ths

No. 38L, with Steel Tape, ⅜ inch wide, Flush Handle.

Feet,	25	50	66	75	100
Each,	$4 50	7 20	9 20	10 40	12 80

No. 150, with Steel Tape, ⅜ inch wide, Folding Handle.

Feet,	50	66	75	100
Each,	$11 20	14 40	16 00	20 00

Measuring Tapes only, without Cases

To fit above Cases.

Feet,	25	40	50	66	75	100
No. 126, Metallic, to fit No. 34L Case, Each,	$0 90	..	1 50	1 80	2 00	2 90
127, Steel, " 38L " "	2 90	....	5 40	7 20	8 00	10 80
128, " " 150 " "	....	....	8 60	11 60	13 90	17 60
2212, Treble, " 1533 " "	40	....	60	80	85	1 10
2801, Constantia, " 1527 " "	....	....	1 50	1 80	2 00	2 90
Lufkin's Steel, to fit Cases Nos. 200 to 206, "	2 90	4 40	5 40	7 20	8 00	10 80
" " " " 200D to 206D, "	2 90	4 40	5 40	7 20	8 00	10 80

All of above Tapes are graduated on one side to feet and tenths or twelfths of a foot, and on the other side to links and poles. In ordering, always specify whether Tapes are wanted graduated in tenths or twelfths of a foot.

Finest Quality Silver Plated Ware.

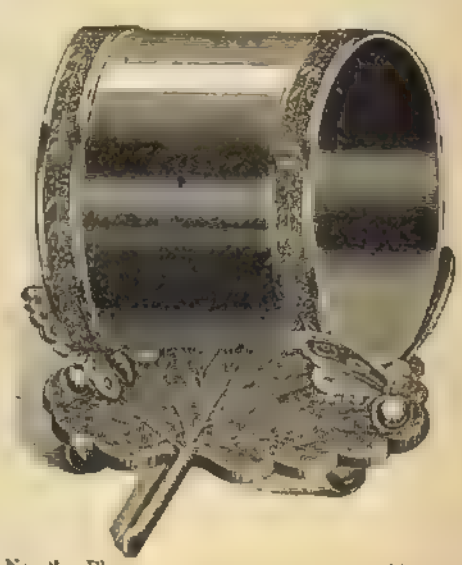
NAPKIN RINGS. QUADRUPLE PLATE GUARANTEED ILLUSTRATIONS FULL SIZE. No 108, ONE-HALF SIZE LIST PRICES PER DOZEN.

No 54 Chased $24 15
No. 54½. Old Silver 27 60

No. 64. Engraved Satin $13 80
No. 64a. " " Old Silver 15 50

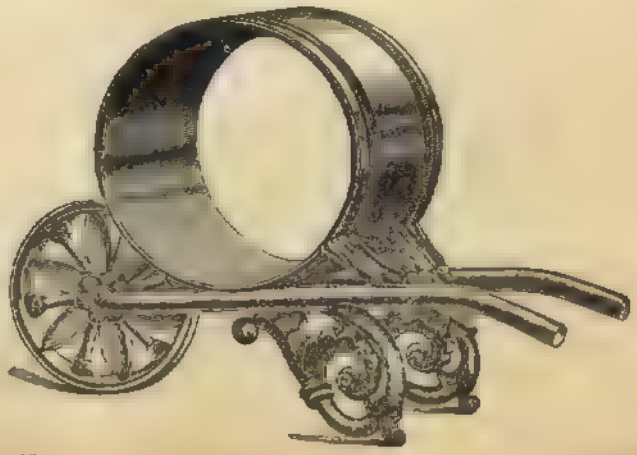
No 62. Plain $16 10

No, 52. Plain $25 50



No. 2. Plain $16 10

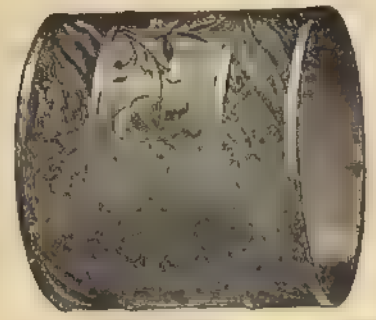
No. 68. Bright Cut $19 55



No. 40. Plain $14 95

Finest Quality Silver Plated Ware.

NAPKIN RINGS. QUADRUPLE PLATE GUARANTEED. ILLUSTRATIONS FULL SIZE. LIST PRICES PER DOZEN.



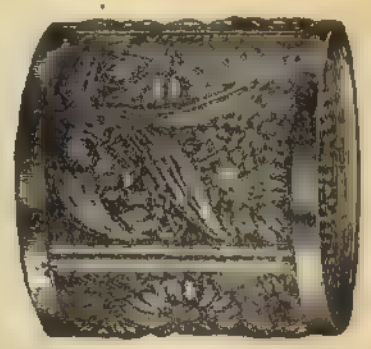
No. 63 Old Silver Border $12 65

No. 16 Bright Cut $10 35

No. 49 Satin Bright Cut $10 85

No. 56 Assorted Chasing..... $8 62

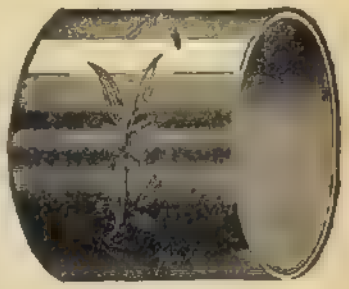
No. 18 Satin Bright Cut..... $8 62



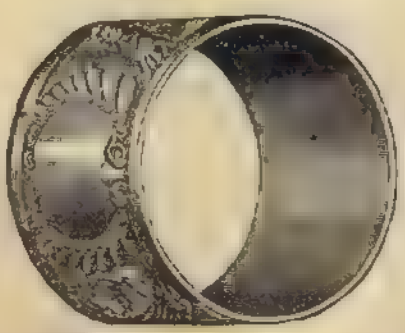
No 61 Embossed $6 30
No. 61a " Old Silver 7 50

No. 21 Chased $8 75

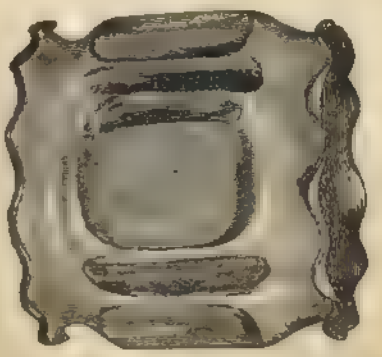
No. 78 Bright Cut $10 92



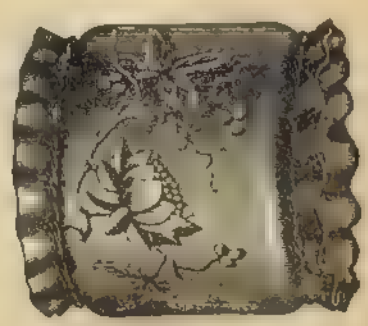
No. 17 Bright Cut $9 20



No 65 Embossed $4 00
No. 65a " Old Silver 5 20



No. 71 Plain. $10 35



No. 73 Fluted, Bright Cut $12 10

Finest Quality Silver Plated Ware.

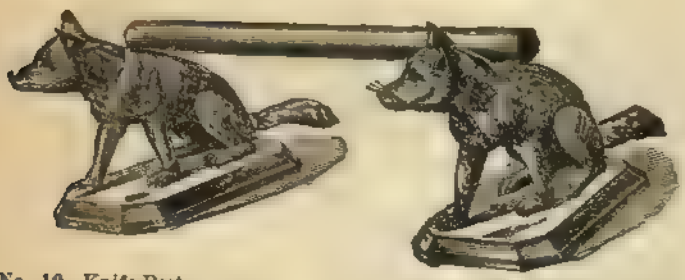
CALL BELLS, CUPS AND SAUCERS, ETC. QUADRUPLE PLATE GUARANTEED. LIST PRICES EACH.

No. 2250 Marble Base Bell. Each $2 50

No. 2623 Cup and Saucer, satin gilt. .....Each $4 30
No. 2623a Engraved Gilt .... " 4 88
No. 2623b Moustache Cup satin gilt .. " 4 88
No. 2623c Engraved Satin Gilt ..... " 5 45

No. 3300 Bronze Base Bell. Each $1 50

No. 13 Knife Rest ....Per Dozen $10 85



No. 10 Knife Rest.....Per Dozen $10 00

No. 82 Knife Rest .... Per Dozen $9 00

No. 8050 Bronze Base Bell
Each $1 87

No. 9042 Nickel Base Bell
Each $1 87

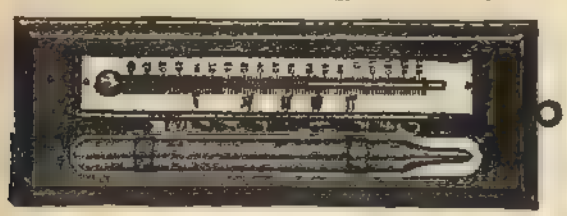
No. 9300 Bronze Base Bell
Each..... $1 00

No. 050 Hand Bell. Each $0 87

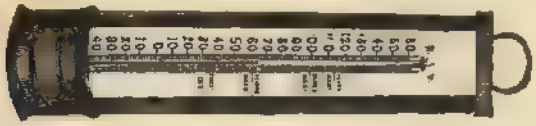
Compasses, Thermometers, Etc.

LIST PRICES.

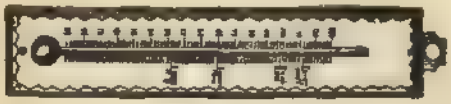
Thermometers.



No. 170. Thermometers with Storm Glass .....per dozen, $6 25
No. 170½ " " " best finished, " 10 00

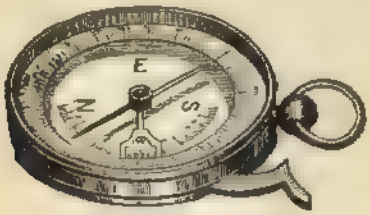


No. 171. 8-inch Tin Case Thermometer.....per dozen, $2 50
No. 172. 10 " " " ..... " 3 00



No. 173. 8-inch Black Walnut Thermometer.....per dozen, $4 38
No. 174. 10 " " " ..... " 5 00

Fancy Thermometers illustrated on page 281.

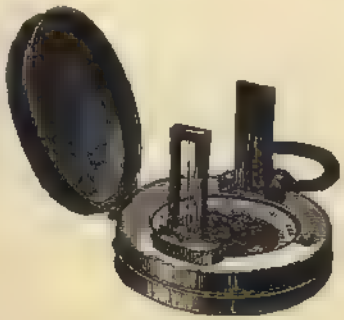


Engineers' Compass.

No. 112. Fine Nickel Plated Compass, Silvered Metal Dial, with Raised Circle, upon which all Degrees are marked off. Has also a Clynometer, used in ascertaining the angle of irregular surfaces, also a sliding rest upon which it can be made to stand alone. Price for 3-inch Diameter.....each, $8 75

Surveyors' Compass.

No. 120. Brass Slip Cover Compass with Ring, Raised Circle, with Degrees, Jeweled Center and Stop. Raised Sights for Surveying. Price for 2½ inch.....each, $10 00



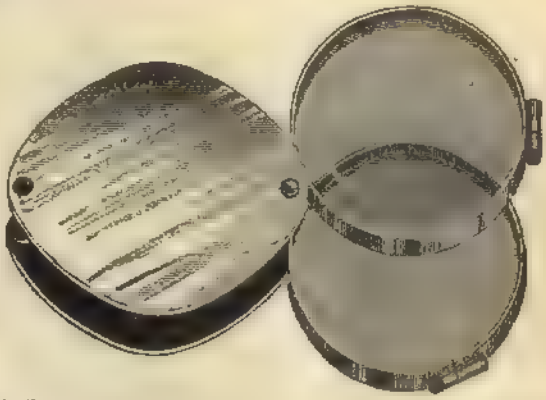
Surveyors' Compass.

No. 115. Fine Nickel Plated Hinged Cover Compass, with Silvered Metal Dial Raised Circle, with Degrees marked on, and Raised Sights for Surveying. Jeweled Center and Stop. Price for 2½ inch.....each, $11 88

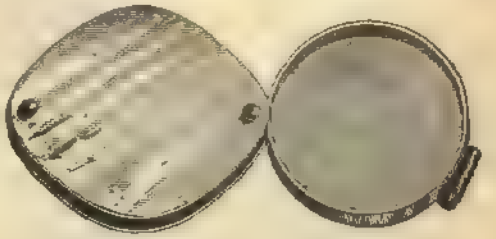
Magnifiers.

Fine Pocket Loupes with German Silver Case and Frame, for Magnifying Minerals, Plants, etc.

No. 80½. Triple Lenses, German Silver, diameter 1 inch, per doz., $27 00
No. 80½. " " " " 1 7/8 " " 33 00



No. 80¼. Double Lenses, German Silver, diameter 1 inch, per doz., $21 00
No. 80¼. " " " " " 1 7/8 " " 27 00



No. 80. Single Lenses, German Silver, diameter 1 inch . . . per doz., $15 00
No. 80. Single Lenses, German Silver, diameter 1 7/8 inch....per doz., 20 00

Spirit Level.

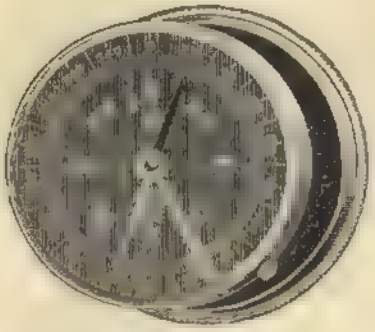
No. 230. Brass Spirit Levels.

2¼ in.	3 in.	4 in.	5 in.	6 in.	9 in.	12 in.
$1 12	$1 12	$1 25	$1 38	$1 63	$2 88	$4 38

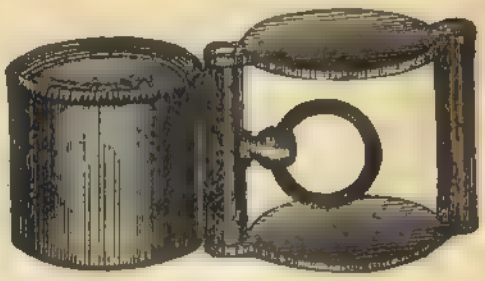
Compasses, Magnifiers, Etc.

LIST PRICES.

No. 100. German Silver Compass.



No. 4652. Brass Compass.



4

Coddington Magnifiers.

			doz.
No 1	German Silver Loupe, very powerful	$3 13	$32 00
No 2	" " " " "	3 75	40 00
No 3	" " " " "	4 38	42 00
No. 4	" " " " "	5 00	48 75

COMPASSES.

No. 100. Fine German Silver Watch Case Compass. Very Sensitive. The Needle is stopped by the closing of the hinged cover; has a Jeweled Center, and Degrees all marked on the Dial.

35 Millimeter, 1⅜ in	Each, $3 75
40 " 1⅝ in	" 4 38

No. 4652. Brass Compass, with Slip Cover, Silvered Metal Dial, with raised Circle, upon which all the Degrees are marked off, has Stop and Jeweled Center

Millimeter	35	40	45	50
Inch	1⅜ in.	1⅝ in.	1¾ in.	2 in.
Per dozen	$27 50	$28 13	$28 75	$30 00

No. 4651. Slip Cover, Silvered Metal Dial, with Jeweled Center, Stop and all Degrees marked on Dial.

Millimeter	35	40	45	50
Inch	1⅜ in.	1⅝ in	1¾ in.	2 in
Per dozen	$22 70	$24 00	$25 00	$26 50

No. 3-5	With Ring, 1 inch		Per Dozen	$3 75
No. 3-4	" " 1⅛ "		"	4 50
No 3-3	" " 1⅜ "		"	5 25
No. 3-2	" " 1⅝ "		"	6 50
No. 3-1	" " 1¾ "		"	7 50
No. 3-0	" " 2 "		"	8 25

The above Compasses can be had Nickel Plated at 50 cents per dozen additional.

No. 5-5	With Slip Cover, 1 inch		Per Dozen	$5 00
No. 5-4	" " 1⅛ "		"	5 63
No. 5-3	" " 1⅜ "		"	6 88
No. 5-2	" " 1⅝ "		"	7 50
No. 5-1	" " 1¾ "		"	9 00
No. 5-0	" " 2 "		"	10 00

The above Compasses can be had Nickel Plated at 93 cents per dozen additional.

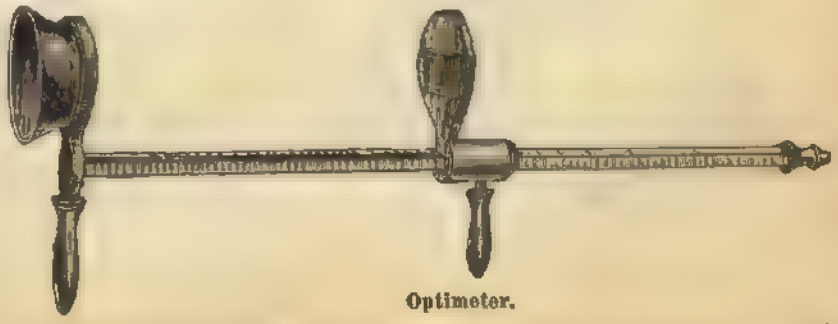
Optimeter.

No. 249 Tubular Optimeter $7 50

Pedometers.

No. 953. Nickel Plated Hunting Case, 12 miles by quarters . $11 25

No. 954. Same, with glass back 12 50

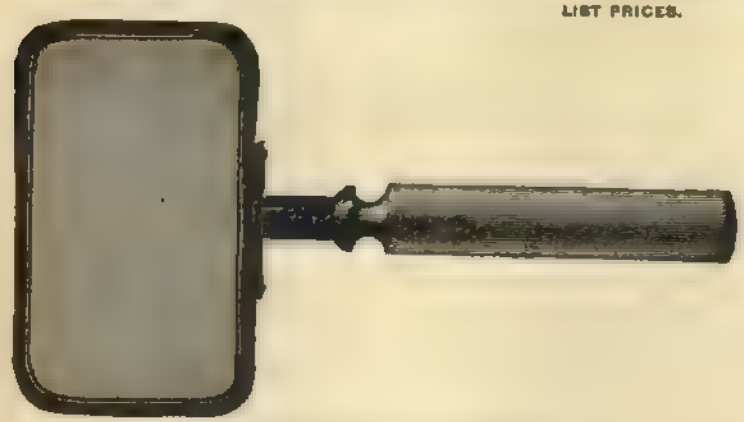


Optimeter.

No. 951.	Nickel Plated	$1 88
No. 952.	Extra Fine, Nickel Plated	2 50

Reading Glasses and Magnifiers.

LIST PRICES.



No. 220. Rubber Frame Reading Glass.

		PER DOZ.
No. 220.	Size of Glass, 2 x 1⅛ inches	$21 25
No. 222.	" " 2⅛ x 1⅝ "	26 38
No. 224.	" " 3 x 1⅝ "	36 25
No. 226.	" " 3½ x 1⅞ "	52 50

For Extra Quality Lenses, add 60c to each.

1½ Inch Reading Glass.

		PER DOZ.
No. 200	Rubber Frame, size of glass 1½ inches diameter	$12 50
No. 202	" " " " 2 " "	17 50
No. 204	" " " " 2½ " "	25 63
No. 206	" " " " 3 " "	32 50
No. 208	" " " " 3½ " "	41 25
No. 210	" " " " 4 " "	57 50
No. 612	Brass Rim, size of glass 1 inch diameter	5 00
No. 619	" " " " 1½ inches "	8 13
No. 624	" " " " 2 " "	10 00
No. 631.	" " " " 2½ " "	20 00
No. 636.	" " " " 3½ " "	22 50
No. 818	Nickelized Rim and Achromatic Glasses, very powerful, size of glass, 1½ inches	9 38
No. 824	" " " " " " " " 2 "	11 88
No. 830.	" " " " " " " " 2½ "	17 50
No. 836	" " " " " " " " 3 "	25 00
No. 848.	" " " " " " " " 4½ "	45 00

No. 200½. Rubber Reading Glass.

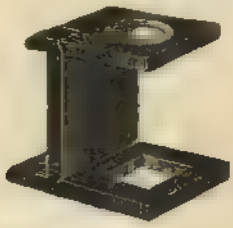
		PER DOZ.
No. 200½.	Size of Glass 1½ inches diameter	$10 00
No. 202½.	" " 2 " "	13 38
No. 204½.	" " 2½ " "	20 00
No. 206½.	" " 3 " "	26 25
No. 208½.	" " 3½ " "	32 50
No. 210½.	" " 4 " "	40 00

For Extra Quality Lenses add 75c each.

		PER DOZ.
No. 152.	1 inch Lens	$11 25
No. 154.	1¼ " "	16 25
No. 156.	2¼ " "	26 25

No. 51

		PER DOZ.
No. 51.	2 Lenses, size of lenses, ⅝ and ¾ in. diam	$10 00
No. 57.	2 " " " ⅞ " 1 " "	13 75
No. 63.	2 " " " 1⅛ " 1⅜ " "	18 13
No. 69.	2 " " " 1⅜ " 1⅝ " "	23 13



		PER DOZ.
No. 3317	Linen Testers, brass	$ 5 63
No. 3318	" " finished	8 88
No. 3319.	" " nickel	10 00
No. 3320	" " " finished	11 88

No. 50.

		PER DOZ.
No. 50.	¾ inch Lens	$ 5 63
No. 56.	1 " "	7 50
No. 68.	1⅛ " "	13 13

		PER DOZ.
No. 108.	¼, ⅜, ½ inch Lenses	$20 00
No. 121.	¾, ⅞, 1 " "	30 00

ALWAYS GIVE NUMBER OF PAGE AND ARTICLE WITH EACH ORDER.

ICE CREAM FREEZERS.

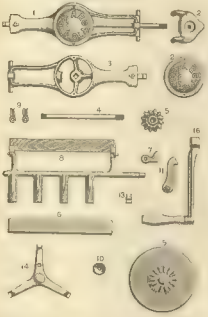
Fig No D4212

Arctic Ice Cream Freezers.

Arctic Ice Cream Freezers—	Sizes, quarts,	**2**	**3**	**4**	**6**	**8**	**10**
	Weight each, lbs.,	10	12	13	17	20	23
	Each,	$3.75	4.50	5.50	7.00	9.00	12.00

EXTRA PARTS FOR ARCTIC FREEZERS.

Fig No D49.5



1 Gear Frame with Gears
2 Ear
3 Gear Frame without Gears
4 Shaft
5 Screw Gear
6 Wood Scraper
7 Catch
8 Beater, Complete
9 Wood Scraper Holders.
10 Small Center
11 Latch.
12 Gear Cap.
13 Can Stop
14 Can Socket
15 Can Cover
16 Crank

Price List.

QUARTS.	2	3	4	6	8	10
Gear Frame, with Gears	$1.50	$1.60	$1.75	$2.00	$2.15	$2.25
Ear	.50	.50	.50	.70	.70	.70
Gear Frame, without Gears	.80	.90	1.00	1.50	1.60	1.75
Shaft	.30	.35	.35	.75	.80	.85
Screw Gear	.30	.30	.30	.40	.40	.40
Wood Scraper	.15	.15	.15	.20	.20	.20
Catch	.15	.15	.15	.15	.15	.15
Beater, Complete	.45	.60	.75	.85	1.00	1.25
Wood Scraper Holders	.15	.15	.15	.15	.15	.15
Small Center	.20	.20	.20	.20	.20	.20
Latch	.20	.20	.20	.25	.25	.25
Gear Cap	.40	.40	.40	.50	.50	.50
Can Stop	.15	.15	.15	.15	.15	.15
Can Socket	.30	.30	.30	.50	.50	.50
Can Cover	.50	.60	.75	.80	.90	1.00
Crank	.60	.60	.90	.90	.90	.90

In Ordering Parts of Freezers it will be necessary to give Size of Freezer the Part is wanted for.

ICE CREAM FREEZERS.

The "Wonder" Five Minute Ice Cream Freezers.

Fig. No. D4209

Cut showing interior view of the "Wonder" Freezer with New Double Scraper.

Fig. No. D4210.

Cut showing the "Wonder" Freezer with Improved Covered Gear.

"Wonder" Ice Cream Freezers.

Size, quarts, . .	2	3	4	6	8	10
Weight each, lbs., .	11	13	16	20	26	34
Each, . . .	$3.75	4.50	5.50	7 00	9.00	12.00

The "Wonder" Freezer **will freeze** the finest quality of **Cream** in **five minutes** (in the four-quart size) with the proper mixture of ice and salt.

The "Wonder" is a new "up to date" Freezer with improvements never before discovered or used, and will freeze the finest quality of cream in **less than half the time** of any Freezer heretofore manufactured.

It is a double motion Freezer with the addition of a double scraper which constantly scrapes the frozen cream from the inside surface of the can and throws it to the center, thus thoroughly mixing the frozen cream with the unfrozen contents of the can and hastening the process of freezing the whole.

Fig. No. D4211

Cut showing "Wonder" Freezer, with Hinge Top, in position for removing can, or examining its contents.

The tubs are large, full-sized, affording a sufficient space between the can and the tub for the proper amount of ice to insure quick work in freezing. The tubs are strong, being bound with strong galvanized iron hoops, which are fastened so that they never can come off. In addition to this every tub is placed in a vat containing a boiling preparation which renders them absolutely waterproof.

SIMMONS HARDWARE COMPANY

ICE CREAM FREEZERS.

Fig. No. D4218.

The platform and legs are cast iron. The gear frame extends across the top of the tub, and is held firmly in place by a latch bolt and thumb screw. When the frame is released it can be raised to an upright position, and is there held firmly by springs. The can and tub may be removed and replaced at pleasure while frame is in this position.

The **Duplex Dasher** is found in this Freezer the same as in our smaller ones. The beaters are malleable iron, and **tinned.** The tubs are exceedingly heavy and durable. The cans are of the heaviest tin plate we can purchase.

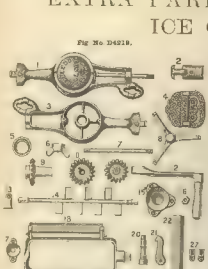
The pulleys are sixteen inches in diameter and five inch face, and should be run one hundred revolutions per minute

"Samson" Power Freezer, Complete with Tight and Loose Pulley.

"**Samson**" Power Freezers,	Sizes, quarts,	25	40
	Weights each, lbs.,	200	450
	Each,	$120.00	150 00

EXTRA PARTS FOR WHITE MOUNTAIN ICE CREAM FREEZERS.

Fig. No. D4219.



1. Gear Frame—with Gears.
2. Small Ear
3. Gear Frame—without Gears.
4. Tub Handles.
5. Ring for Cover of Can.
6. Thumb Nut
7. Shaft
8. Can Socket.
9. Shank Gear
10. Top Gear
11. Screw Gear
12. Crank
13. Catch
14. Inside Beater
15. Large Center—(12 to 25 qt.)
16. Shaft Nut
17. Small Center—(2 to 10 qt.)
18. Outside Beater
19. Beater Head.
20. Spindle.
21. Small Latch—(2 to 10 qt.)
22. Wood Scraper
23. Large Ear (12, 15 and 20 qt.)
24. Large Ear—(25 qt.)
25. Large Latch (12 to 25 qt.)
26. Gear Cap.
27. Wood Scraper Holders.

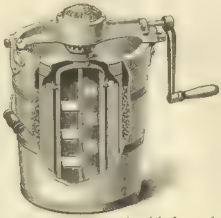
Price List.

QUARTS.	1	2	3	4	6	8	10	12	15	20	25
Gear Frame, with Gears	$1.00	$2.00	$3.00	$3.25	$4.00	$4 50	$5.00	$5.50	$6.50	$8 00	$9 00
Small Ear	10	20	.25	.25	.40	.40	.40				
Gear Frame, without Gears	.50	1.10	1.25	1.50	1.75	2.00	2.25	2.50	2 50	2 75	3.25
Tub Handles							.50	90	.90	.90	.90
Ring for Cover of Can	15	15	.15	.15	.20	.20	.20	40	40	.40	.50
Thumb Nut								25	25	.25	.25
Shaft	.10	.15	25	25	.60	60	.60	.70	.70	.70	1 00
Can Socket	.10	.25	.30	.30	.40	.50	.50	50	50	.60	.70
Shank Gear	.25	60	.70	70	70	70	.70	1 20	1 20	1 20	1.75
Top Gear	.15	35	40	.40	.40	40	40	1 00	1 00	1 00	1 50
Screw Gear	.15	35	40	40	.40	.40	40	1 00	1 00	1 00	1 50
Crank	20	50	50	75	.75	.75	.75	1 20	1.20	1 20	1 90
Catch	.10	15	15	.15	.15	15	15				
Inside Beater	.20	.30	.35	.40	50	60	.60	.85	90	1.25	1 75
Large Center (12 to 25 qt.)								.40	40	40	.40
Shaft Nut								.20	.20	20	20
Small Center (2 to 10 qt.)	15	.25	.25	25	.25	25	.25				
Outside Beater	35	60	80	.90	1 00	1 15	1 25	1.30	1 30	1 60	1.75
Beater Head								.60	60	60	90
Spindle	.10	.20	.20	.20	.50	50	.50	50	50	.50	.50
Small Latch (2 to 10 qt.)	10	20	20	.20	25	25	.25				
Wood Scraper								.20	20	.25	.30
Large Ear (12, 15 and 20 qt.)								.90	90	.90	
Large Ear (25 qt.)											1.00
Large Latch (12 to 25 qt.)								70	70	.70	.70
Gear Cap	15	.25	.35	.35	.70	.70	.70	.70	70	.70	90
Wood Scraper Holders	.15	25	.25	.25	.35	.35	.35	.50	.50	.50	50

In Ordering Parts of Freezers it will be necessary to give Size of Freezer the Part is wanted for.

ICE CREAM FREEZERS.

Fig. No. D4214



Cut showing interior construction of the Improved White Mountain Freezer

Fig. No. D4213

White Mountain, Improved.

Sizes, quarts,	1	2	3	4	6	8	10	12
Weight each, lbs.,	4	11	13	16	20	26	34	46
Each,	$3 25	3.75	4 50	5 50	7 00	9 00	12 00	14 00

Fig. No. D4216

White Mountain, Hotel and Confectioners', with Fly Wheel.

Sizes, quarts,	15	20	25
Weight each, lbs.,	85	100	125
Each,	$21.00	28.00	35.00

Fig. No. D4217

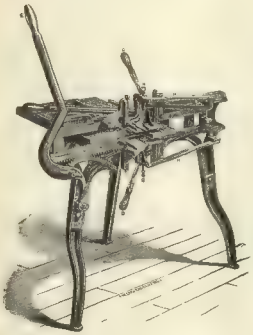
White Mountain, Platform, with Fly Wheel.

Sizes, quarts,	15	20	25
Weight each, lbs.,	150	175	200
Each,	$35.00	42.50	50 00

For Extra Parts, see Page 938.

BARNES' HAND TENONING MACHINES.

Fig No D1808



Hand Tenoning Machines

	EACH.
No. 35 Barnes',	$25.00

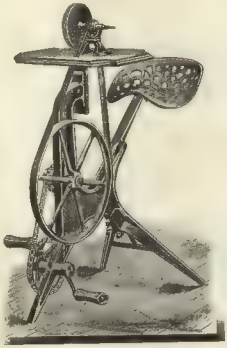
Weight 100 lbs., Boxed Ready for Shipment, 110 lbs.

A. Tenon being cut. *B. B* Screws to set depth of shoulder. *C. C.*—Handle to raise cutters from work. *D* Lever to hold work in place. *E.*—Lever to drive the cutters forward and back. *F. F.*—Cutter heads. *H. H.* Springs to press cutter heads against work

This Machine will cut tenons of any length up to 3 in. By repeating the cut any desired length can be made. It will work on stuff of any size up to 2 x 12 in., and can be adjusted to gauge the length, thickness and shoulders of a tenon. It will not cope a shoulder, but will cut one shoulder further back than the other to accommodate stuff having a rabbeted edge.

BARNES' GRINDING AND POLISHING MACHINES.

Fig No D1806



Grinding and Polishing Machines.

	EACH.
No. 197—Barnes', . .	$18 00
No. 199 Barnes', **with Dental Head** (including the 10 Chucks), in place of the ordinary Head, ...	23.00

Weight of Machine, 85 lbs.; Weight Boxed Ready for Shipment, 115 lbs.

This Machine is designed for light work, carrying emery and buffing wheels up to 6 in. diameter by 1 in. face. It is used by Jewelers, Dentists, Glass-workers and others. For light grinding on Razors, Skates, Cutlery, etc., it is unsurpassed. The head has a cone screw on one side, and a nut and collar on the other side, for Emery Wheels, etc.

SIMMONS HARDWARE COMPANY

CUTS MADE BY KNIVES FOR BARNES' No. 29 FORMERS.

Fig. No. D1784.

Fig. No. D1785.

Fig. No. D1786.

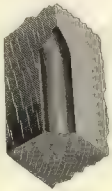


Fig. No. D1787.

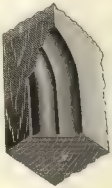


Fig. No. D1788.

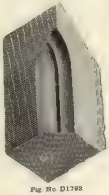


Fig. No. D1789.

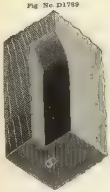


Fig. No. D.790.

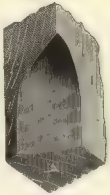


Fig. No. D1791.

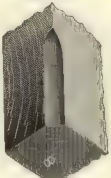


Fig. No. D1792.

Fig. No. D1793.

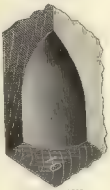


Fig. No. D1794.

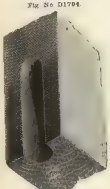


Fig. No. D1795.

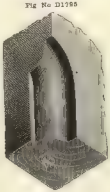


Fig. No. D1796.

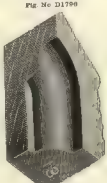


Fig. No. D1797.

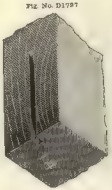


Fig. No. D1798.

Fig. No. D1799.

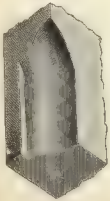


Fig. No. D1800.

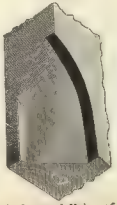


Fig. No. D1801.

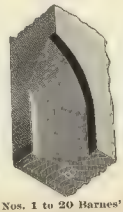
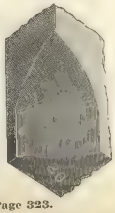


Fig. No. D1802.

Fig. No. D1803.



For Description and Price of Nos. 1 to 20 Barnes' Former Knives, see Page 323.

SIMMONS HARDWARE COMPANY

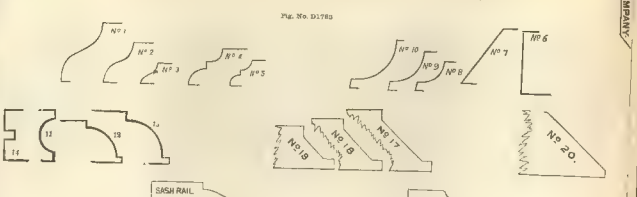
A FEW OF THE CUTS MADE WITH BARNES' NEW FORMER KNIVES DESCRIBED ON PAGE 323.

Fig. No. D1804

For Prices and Descriptions, see Page 323.

BARNES' FORMER KNIVES.

Fig. No. D1783

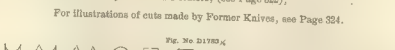


The above cuts show the different styles of edges which the knives make.

Nos. 1 to 20—Barnes' Former Knives, for No. 29 Formers, (see Page 322), EACH. $1.00

For illustrations of cuts made by Former Knives, see Page 324.

Fig. No D1783 K



Barnes', New, for No. 29 Formers.

1/8 in., Barnes' New Former Knives,	EACH.
3/16 in., Barnes' New Former Knives,	$0.50
1/4 in., Barnes' New Former Knives,	.50
	50

In Ordering, give Number and Size.

We show on page 325 cuts of Mouldings made by our New Pattern Knives. These embrace forms not covered by our old set of Knives, Nos. 1 to 20. The New Knives are made on a different principle from the old ones, and can be used separately or in combination. The illustrations given do not by any means show the full extent of the work that can be done with these Knives. The possibilities of combinations are almost endless, and valuable as the Former has been heretofore, its usefulness is immensely increased by the new set of Knives, which make the Former the most valuable single machine that a cabinet maker or wood worker can employ.

The above cuts represent the elementary forms of the Knives, which, as before stated, can be used singly or in combination, as may be required. **All the different shapes are made in three sizes, viz.: 1/8 in., 3/16 in., 1/4 in.,** and it is designed that where Knives are used in combination, they shall all be of the same size. This, however, is not imperative, and the users of the Knives can combine different sizes, according to their fancy.

In ordering these Knives, give the shape of Knives required, designating same by letters as shown on cut, and also state size, whether 1/8, 3/16 or 1/4.

Where Knives are wanted for making any of the forms shown on page 325, it can be so stated in the order, and to facilitate the ordering of such Knives, we give below Knives required to make the different forms:

Form No.	24	takes	Knives	K-G-D-G-K	Form No.	39	takes	Knives	B-H-H-B	Form No.	52	takes	Knives	K-G-G-K
"	25	"	"	E-A-E	"	40	"	"	B-K-K-B	"	53	"	"	K-C-K
"	26	"	"	P-A-P	"	41	"	"	B-H-H-B	"	54	"	"	E-A-E
"	27	"	"	K-G-K	"	42	"	"	B-K-K-B	"	55	"	"	B-E-B
"	28	"	"	B-L-E	"	44	"	"	B-H-C-H-B	"	56	"	"	A P-A
"	29	"	"	E-A-L-G	"	45	"	"	B-K-C-K-B	"	57	"	"	B D-B
"	30	"	"	B-H	"	46	"	"	B-H-A-H-B	"	58	"	"	B-K-P-P
"	35	"	"	B-A-A-B	"	47	"	"	L-L-A-L-L	"	59	"	"	B-K-D-k-B
"	36	"	"	B-B	"	48	"	"	B-L-L-B	"	60	"	"	B-K-E-K-B
"	37	"	"	B-C-B	"	49	"	"	K-G-G-K	"	61	"	"	G-D-K
"	38	"	"	B-B	"	50	"	"	K-K-K	"	62	"	"	G-D-G
					"	51	"	"	K-G-E-G-K					

These New Knives supersede the old style Beading Knives, to which they are greatly superior in many ways. They require no head for holding them, as was the case with the old Knives, they are reversible, whereas the old Beading Knives could be run in one direction only, and they have the great advantage of being used singly for center bead work or in combination for any number of beads that may be desired.

TUYERE IRONS.

Fig. No. D.252

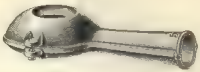
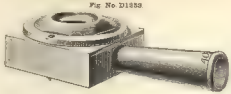


Fig. No. D1253



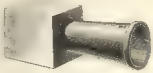
Duck's Nest.

No. 5—Duck's Nest, Weight, each, 12 lbs. . PER DOZEN $8.50

No. 40 Duck's Nest, Weight, each, 17 lbs., . PER DOZEN. $11 50

Fig. No. D1254

Fig. No. D1255



Round.

No. 6—Round, Weight, each, 15 lbs., . PER DOZEN. $10.50

Negro Head.

No. 2—Negro Head, Weight, each, 17 lbs., . PER DOZEN. $10.25

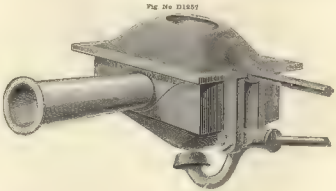
Fig. No. D1256.

Norton's Ball Valve.

Norton's Ball Valve, Weight, each, 27 lbs., ... PER DOZEN. $24.00

The Levers and Spring are readily changed to either side for right or left hand use.

Fig. No. D1257



Diamond F Ball Valve.

Diamond F Ball Valve, Weight, each, 15½ lbs., ... PER DOZEN $22.00

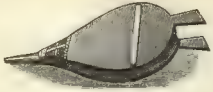
BELLOWS.

Fig. No. D1247.

Hand.

Inches,	8	10	12
Weight, per dozen, lbs.,	21	30	49
PER DOZEN,	$10.50	12.00	15.00

Fig. No. D1246



Moulders'.

Inches,	10	12
Weight, per dozen, lbs.,	29	52
PER DOZEN,	$15.00	22.00

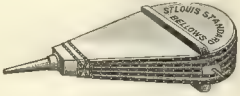
Fig. No. D1249

Colorado.

Colorado Three Leaf, Short Pattern.

Width, inches,	24	26	28	30
Length, inches,	42	43	46	49
Average Weight, lbs.,	34	39	45	49
EACH,	$7.50	8.50	9.50	10.50

Fig. No. D1250



Standard.

Standard Five Leaf, Long Pattern, Warranted.

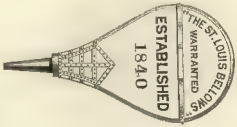
Width, inches,	24	26	28	30	32
Length, inches,	46	49	52	55	58
Average Weight, lbs.,	40	45	50	55	60
EACH,	$10.00	11.00	12.00	13.00	14.00

Width, inches,	34	36	38	40
Length, inches,	61	64	67	70
Average Weight, lbs.,	85	75	85	100
EACH,	$16.00	18.00	20.00	23.00

Standard Quality, Extra Long.

Width, inches,	24	26	28	30	32	34	36	38	40
Length, inches,	50	55	59	61	65	68	73	76	80
Weight, lbs.,	50	55	60	65	75	85	100	115	130
EACH,	$10 50	11.50	12 50	13.50	15.00	17.00	18.50	21.50	25 00

Fig. No. D1251



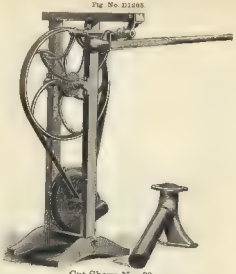
Original St. Louis Five-Leaf Bellows.

Width, inches,	34	36	38	40
Length, inches,	68	73	76	80
Average Weight, lbs.,	105	115	135	155
EACH,	$16.00	17.50	22.00	23.00

SIMMONS HARDWARE COMPANY

HAND BLOWERS.

Fig. No. D1285.



Cut Shows No. 33.

	EACH.
No. 33—Buffalo Hand Blowers, Blacksmiths' Upright, Complete **with Tuyere Iron,** Wood Frame, Handle and Base, Weight, each, 147 lbs , ...	$25.00
No. 330—Buffalo Hand Blowers, Blacksmiths' Upright, **without Tuyere Iron,** Wood Frame Handle and Base, Weight, 130 lbs., ...	23 00

TONGS.

Fig. No. D1288.

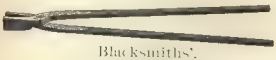


Fig. No. D1287

Blacksmiths'.

Blacksmiths' Tongs, Wrought Iron.

Inches, ...	18	20	22	24
Weight, per dozen, lbs.,	21	30	38	42
PER DOZEN, . .	$6.70	7.20	7.70	8.90

PER DOZEN.

Gad Tongs, Wrought Iron, **22** in., Weight, per dozen, 40 lbs., ... $12.00

BUTTERISES.

Fig. No. D1298

PER DOZEN.

Farriers' **Butterises,** Cast Steel, ... $10.00

BORAX AND CHERRY HEAT WELDING COMPOUND.

Fig. No. D1299

PER POUND.

Borax Refined, Packed 25, 50 and 100 lbs. in a Box, ...	$0.25
Cherry Heat Welding Compound, Packed 25, 50 and 100 lbs. in a Box, ...	.25

PORTABLE FORGES.

BUFFALO.

Fig No D1259

EACH

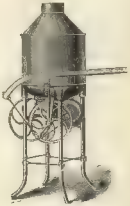
No. 5—Without Hood, Height, 33 in., **Hearth, 18 in.** Diameter, Weight, 70 lbs., $24.00

Fig No D1260

EACH

No. 4—Half Open Hood, Height, 33 in., **Hearth, 18 in.** Diameter, Weight, 75 lbs., . . $27 00

Fig No D1261



EACH.

No. 6—Closed Hood, Height, 33 in., **Hearth, 18 in.** Diameter, Weight, 80 lbs., . . $30.00

Nos. 5, 4 and 6 will produce a welding heat on iron 1½ in. in diameter in 5 minutes.

Fig No. D1262

EACH.

No. 3 Without Hood, Height, 29 in., Fan, 10 in., **Hearth, 21 x 27 in.,** Weight, 140 lbs., $36.00

No. 3 will produce a welding heat on iron 2½ inches in diameter in 5 minutes

Fig No. D1263

EACH.

No. 1—Half Open Hood, Height, 29 in., Fan, 10 in., **Hearth, 21 x 27 in.,** Weight, 140 lbs., $40.00

No. 1 will produce a welding heat on iron 2¾ inches in diameter in 5 minutes

Fig No. D1264

EACH.

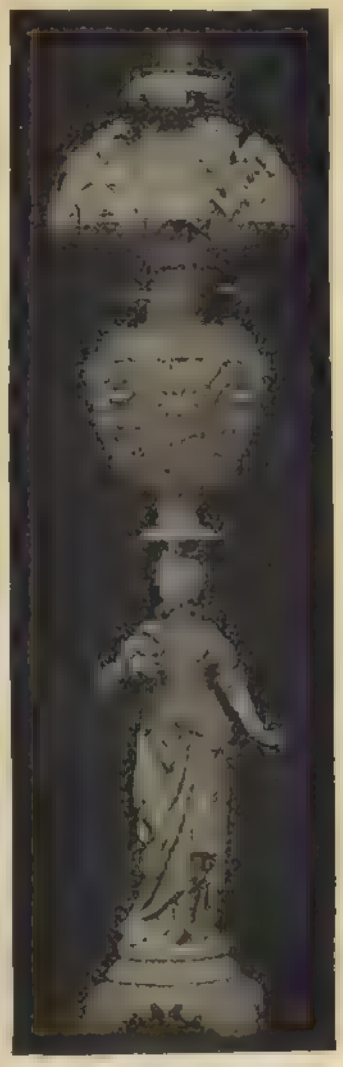
No. 0—Open Hood, Height, 30 in., Fan, 14 in., **Hearth, 28 x 40 in.,** Weight, 230 lbs., . . $50.00

No. 0 is especially adapted for heavy blacksmiths' work, having a large fire place, with sufficient blast to do the heaviest kind of work; will heat 3½ to 4 in. round iron in 10 minutes.

Fine Bronze Lamps Complete.

LIST PRICES EACH

No. 916 Height, 18 inches.....$10 50
Porcelain Shade.



No. 721 Height, 29 inches . .$20 50
Porcelain Shade.

No. 991 Height, 11½ inches $11 25
Porcelain Shade.

No. 943B Height 12½ inches. . $16 75
Porcelain Shade.

OUR STOCK OF BANQUET, PIANO AND TABLE LAMPS IS EXCEEDINGLY LARGE, VARIED AND BEAUTIFUL. ONLY A FEW STYLES ARE ILLUSTRATED HERE, BUT WE CAN PROMPTLY AND SATISFACTORILY SUPPLY ANY WANT, AND WILL BE PLEASED TO CORRESPOND ON THE SUBJECT.

S. F. MYERS & CO.

No. 956 Height 33 inches.....$37 50

Fine Bronze Lamps (Complete).

LIST PRICES EACH.

No. 900 Height, 10½ in.....$10 68

No. 937 Height, 13 inches.... ..$18 75

No. 900b Height, 10½ inches...$12 50

No. 943 Height, 11 inches.....$13 44

No. 944 Height, 12½ inches.. ..... .$15 63

No 970 Height, 11½ inches. ...$11 88

Excelsior Chisels.

C. S. FIRMER.

Fig. 205

The 1 inch is 5½ inches long from the bolster

Inches.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Per Dozen,	$1 60	[illegible]	[illegible]	[illegible]	80	2 10	2 25	[illegible]	2 80	3 00	3 75	[illegible]	[illegible]	6 20	7 50

In Sets. 12 Assorted ⅛ to 2,—⅛, ¼, ⅜, ½, ⅝, ¾, ⅞, 1, 1⅛, 1¼, 1½, 2 inches, - - - per set, $3 50

One Dozen in a Box

C. S. PARING.

Fig. 206.

The 1 inch is 8½ inches long from the bolster

Inches.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1	1⅛	1¼	1½	2
Per Dozen,	$2 80	2 80	2 80	2 90	2 90	3 20	3 55	4 00	4 80	5 25	7 15	8 60	10 15	12 50

In Sets. 12 Assorted ⅛ to 2,—⅛, ¼, ⅜, ½, ⅝, ¾, ⅞, 1, 1⅛, 1¼, 1½, 2 inches, - - - per set, $5 80

One Dozen in a Box

C. S. PARING, BEVELED EDGES.

Fig. 207.

The 1 inch is 8½ inches long from bolster

Inches.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1	1⅛	1¼	1½	2
Per Dozen,	$5 75	5 80	5 90	6 00	6 00	6 15	6 50	6 90	7 50	8 20	10 90	12 40	14 80	17 40

In Sets. 12 Assorted ⅛ to 2,—⅛, ¼, ⅜, ½, ⅝, ¾, ⅞, 1, 1⅛, 1¼, 1½, 2 inches, - - - per set, $9 50

One Dozen in a Box

C. S. TURNING.

Fig. 208.

The 1 inch is 10½ inches over all

Inches.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1	1⅛	1¼	1½	2
Per Dozen,	$2 20	[illegible]	2 2	2 40	2 45	2 70	3 00	3 40	3 70	4 35	5 40	7 00	8 40	10 00

One Dozen in a Box

Orders for [illegible] dozens of above Goods [illegible] at [illegible] list, and for ½ dozens at [illegible] list for each one.

Buck Bros.' Excelsior Chisels.

HANDLED FIRMER. Ground Sharp and Honed.

Fig. 209.

The 1 inch is 5¼ inches long from the bolster

Inches,	¼	⅜	½	⅝	¾	⅞	1	1¼	1½	1¾	2
Per Dozen,	$2 50	2 60	2 70	2 85	3 15	3 40	3 70	4 10	4 30	5 60	6 70	8 00	9 40

In Sets. Assorted ¼ to 2 inches, ¼, ⅜, ½, ⅝, ¾, ⅞, 1, 1¼, 1½, 1¾, 2 inches, - per set, $4 80

One-half Dozen in a Box

BEVELED EDGES. Ground Sharp and Honed

Fig. 210.

The 1 inch is 5½ inches long from the bolster

Inches,	¼	⅜	½	⅝	¾	⅞	1	1¼	1½	1¾	2
Per Dozen,	$4 70	4 85	5 10	5 45	5 80	6 05	6 25	6 70	8 75	9 90	12 35	13 90

In Sets. Assorted, ¼ to 2,—¼, ⅜, ½, ⅝, ¾, ⅞, 1, 1¼, 1½, 1¾, 2 inches, - - - per set, $7 75

One-half Dozen in a Box

No. 1. SOCKET FIRMER

Fig. 211

The 1 inch is 5½ inches long in the blade.

Inches,	¼	5/16	⅜	7/16	½	⅝	¾	⅞	1	1¼	1½	1¾	2
Per Dozen,	$3 75	3 80	3 90	4 00	4 15	4 40	4 85	5 25	5 60	6 10	6 75	7 35	8 25	9 20

In Sets. 12 Assorted ¼ to 2 inches,—¼, ⅜, ½, ⅝, ¾, ⅞, 1, 1¼, 1½, 1¾, 2 inches, - per set, $5 40

One-half Dozen in a Box

THE STANDARD EXTRA SOCKET FIRMER

The 1 inch is 6 inches long in the blade

Inches,	¼	5/16	⅜	7/16	½	⅝	¾	⅞	1	1¼	1½	1¾	2
Per Dozen,	$4 00	4 15	4 20	4 40	4 60	4 80	5 25	5 60	6 25	6 60	7 40	8 20	9 00	10 00

In Sets. 12 Assorted, ¼ to 2 inches, ¼, ⅜, ½, ⅝, ¾, ⅞, 1, 1¼, 1½, 1¾, 2 inches - per set, $6 00

One-half Dozen in a Box

No. 1. SOCKET FIRMER. BEVELED EDGES.

Fig. 212

The 1 inch is 5½ inches long in the blade.

Inches,	¼	⅜	½	⅝	¾	⅞	1	1¼	1½	1¾	2
Per Dozen,	$6 00	6 15	6 40	6 80	7 20	7 75	8 10	8 60	9 90	10 65	12 50	13 80

In Sets. Assorted, ¼ to 2 inches, ¼, ⅜, ½, ⅝, ¾, ⅞, 1, 1¼, 1½, 1¾, 2 inches, per set, $8 65

One-half Dozen in a Box.

Orders for ½ dozens of above Goods billed at ⅙ list, and for ¼ dozens at ⅓ list for each one.

Buck Bros.' Chisels.

MILLWRIGHTS' SOCKET FIRMER

Fig. 213.

8-inch Blades, Solid Cast Steel

Inches,	1/8	3/4	5/8	7/8	1/2	3/4	5/8	1	1 1/4	1 1/2	1 3/4	2
Per Dozen,	$8 [illegible]	8 60	9 00	9 75	10 70	11 60	12 60	13 40	14 75	16 00	17 [illegible]	9 50

In Sets. 12 Assorted, 1/8 to 2 inches,—1/4, 3/8, 5/8, 1/2, 3/4, 5/8, 7/8, 1, 1 1/4, 1 1/2, 1 3/4, 2 inches, - per set $12 25

One-half Dozen in a Box.

SOCKET FRAMING

Fig. 214.

7 to 8-inch Blades.

Inches,	1/8	5/16	3/8	1/2	5/8	3/4	7/8	1	1 1/4	1 1/2	1 3/4	2
Per Dozen,	$6 00	6 25	6 40	6 60	6 75	7 25	7 50	8 00	9 00	10 00	11 00	12 00

In Sets. 12 Assorted, 1/8 to 2 inches, 1/4, 5/16, 3/8, 1/2, 5/8, 3/4, 7/8, 1, 1 1/4, 1 1/2, 1 3/4, 2 inches, - per set, $7 75

One-half Dozen in a Box.

CORNER

Fig. 215

8 inch Blades.

Inches,	3/4	7/8	1	1 1/2	1 1/4
Per Dozen,	$16 00	17 00	18 25	19 00	20 25

These Corner Chisels are the best that can be made, and we warrant them only so far as to replace those that may break from flaws—NO FURTHER WARRANT—the buyer takes his own risk beyond that.

One-half Dozen in a Box

CARPENTERS' SLICKS.

Fig. 216

The 3-inch is 10 inches long in the Blade

Inches,	2 1/2	3	3 1/2	4
Per Dozen,	$21 00	23 50	27 [illegible]	32 00

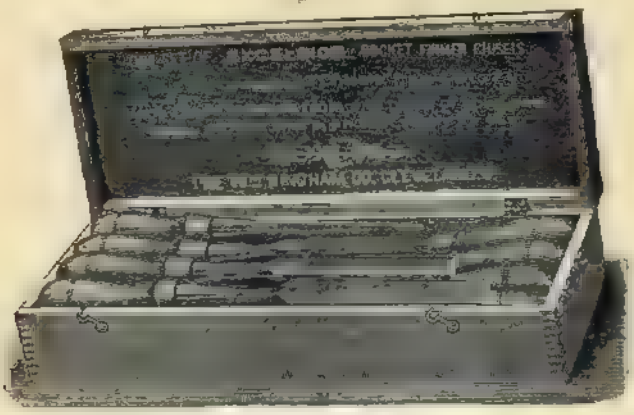
One-quarter Dozen in a Package.

Orders for 1/12 dozens of above Goods billed at [illegible] list, and for 1/4 dozens at 1/12 list for each one

Chisels.

~~XLCR~~ SOCKET FIRMER, IN SETS

Fig. 217



Set and Sharpened Ready for use

No. 100, Plain Edges, Assorted, ½ to 2 inches.—½, ¾, ⅝, ⅞, ⅝, ⅞, ⅞, 1, 1¼, 1½, 1¾, 2 inches, per set, $6 00
101, Beveled " " ½ to 2 " ½, ¾, ⅝, ⅞, ⅝, ⅞, ⅞, 1, 1¼, 1½, 1¾, 2 " " 8 00

One Set in a Fancy Wooden Box, as per cut

Buck Bros.' Gouges.

C. S. FIRMER.

Fig. 218

Beveled Outside

The 1 inch is 5½ inches long from the Bolster.

Inches,	⅛	3/16	¼	5/16	⅜	½	⅝	¾	⅞	1	1¼	1½	1¾	2
Per Dozen,	$2 00	2 00	2 00	2 05	2 15	2 45	2 65	2 90	3 30	3 50	4 00	6 00	7 30	9 00

In Sets. 12 Assorted, ⅛ to 2 inches, ⅛, ¼, ⅜, ½, ⅝, ¾, ⅞, 1, 1¼, 1½, 1¾, 2 inches, per set, $4 15

One Dozen in a Box.

C. S. TURNING

Fig. 219.

The 1 inch is 10¼ inches over all.

Inches,	⅛	3/16	¼	5/16	⅜	½	⅝	¾	⅞	1	1¼	1½	1¾	2
Per Dozen,	$2 90	2 90	2 90	3 25	3 30	3 65	3 95	4 90	5 25	5 90	7 70	10 00	11 80	14 50

One Dozen in a Box.

Orders for Gouges, 1/16 dozens of above Goods filled at 1/16 list, and for ⅛ dozens at 1/16 list for each one

Cast Iron Stove Hollow-Ware.

IRON KETTLES.

Fig. 5648.

Flat Bottom.

IRON KETTLES.

Fig. 5649.

Round Bottom.

IRON POTS

Fig. 5650.

Bulged.

Common, Japanned, Ground Inside.

	Nos.	7	8	9
Flat Bottom Kettles,	Each,	$0 65	0 70	0 85
Round " "	"	65	70	85
Bulged Pots,	"	75	85	1 00

Extra Finish, Ground Inside.

	Nos.	7	8	9
Flat Bottom Kettles,	Each	$0 90	1 00	1 20
Round " "	"	80	96	1 16
Bulged Pots,	"	1 00	1 16	1 32

TEA KETTLES.

Fig. 5651.

	Nos.	7	8	9
Common, Japanned, Pit Bottom,	Each,	$0 80	0 90	1 00
Extra Finish, " " "		90	1 00	1 10
Galvanized, " " "		1 30	1 50	1 70

SCOTCH BOWLS.

Fig. 5652.

	Nos.	2	3	4	5	6
Com., Jap'd, Ground Inside.	Each,	$0 40	0 45	0 50	0 60	70
Extra Finish, " " "		60	68	76	88	.

SPIDERS.

Fig. 5653.

	Nos.	7	8	9	10	11	12
Com., Jap'd, Ground Inside,	Each,	$0 30	35	40	50	60	70
Extra Finish, " " "		42	50	56	70	86	1 02

GRIDIRONS.

Fig. 5654

	No.	9
Common, Japanned,	Each,	$0 30
Extra Finish,	"	35

Cast Iron Stove Hollow-Ware.

GRIDDLES.

Fig. 5655.

Fig. 5656.

Handled Griddles.

	Nos.	7	8	9
Com'n Finish, Ground Inside,	Each,	$0 25	0 27	0 30
Extra " " " "		34	38	42

Bailed Griddles.

	Diameter,	Inches, 12	14	16
Com'n Finish, Ground Inside,	Each,	$0 50	0 65	0 80
Extra " " " "		68	84	1 04

LONG GRIDDLES.

Fig. 5657.

	Nos.	7	8	9
Common Finish,	Each,	$0 50	0 60	0 75
Extra "	"	58	66	82

SAD-IRON HEATERS.

Fig. 5658.

	Nos.	7	8	9
Common Finish,	Each,	$0 55	0 65	0 80
Extra "	"	55	66	82

"NEVER-BREAK" STEEL SPIDERS AND GRIDDLES.

SPIDERS.

Fig 5659.

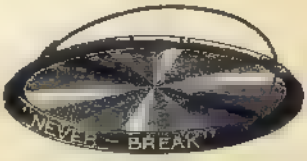
Solid Handle.

	Nos.	7	8	9	10	12
Ground Inside,	Each,	$0 65	0 75	0 90	1 10	1 30

GRIDDLES.

Fig. 5660.

Fig. 5661.



Handled Griddles.

	Nos.	8	9	10
Ground Inside,	Each,	$0 60	0 70	0 80

Bailed Griddles.

	Diameter,	Inches, 12	14	16
Ground Inside,	Each,	$1 00	1 15	1 30

Waffle-Irons and Cake Griddles

AMERICAN.

Fig. 5662.

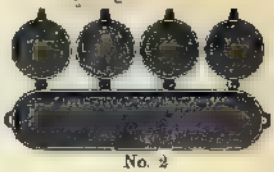
Nos. 7 to 9.

SCHOFIELD'S PATENT.

Fig 5663.

No. 1.

Fig. 5664.



No. 2

No. 7.	American Waffle Iron, Japanned Rim, Wood Handles, for No. 7 or 8 Stove, -	per dozen, $14 00
8,	" " " " " " " 8 or 9 "	" 16 00
9,	" " " " " " " 9 or 10 "	" 18 00
1,	Schofield's Patent Cake Griddle, baking 8 Cakes at once, - - -	" 12 00
2,	" " " " " 8 " " - - -	" 15 00

Cast Cake Pans.

WATERMAN'S PATENT.

Fig. 5665.

No. 1.

Fig. 5666.

No. 2.

Fig 5667.

No. 3.

Fig 5668.

No. 4.

No. 1,	11 Round Cells, 2¾ inches Diam., per doz.	$3 30
2,	11 " " 3 " " "	3 50
No. 3,	11 Rd'd Cells, 3 in. Diam., Egg Frier, per doz	$3 30
4,	8 Oval " 2½x4½ in., French Roll, "	3 30

Fig 5669.

No. 5.

Fig. 5670.

No. 6.

Fig. 5671

No. 7.

No. 5,	8 Oval Cells, 2¼x4 inches, per dozen,	$3 30
6,	12 Oblong " 2 x3 " "	3 30
No. 7,	8 Oblong Cells, 2½x3¾ inches. per dozen,	$3 30

Fig 5672.

No. 8.

Fig. 5673.

No. 9.

Fig. 5674.

No. 10.

No. 8,	11 Oval Cells, 2¼x3¼ inches, - - - - - -	per dozen, $3 30
9,	12 Hemispherical Cells, 2¼ inches Diameter, - - - - -	" 3 30
10,	11 Deep Round " 2¾ " " Corn Cake, - - -	" 4 30

One Dozen in a Box.

Maslin Kettles and Saucepans.

MASLIN KETTLES.

Fig. 5675.

SAUCEPANS.

Fig. 5676.

Maslin Kettles.

White Enameled, Stop Bail, Rimmed Bottom and Side Handle.

Quarts,	2	2½	3	3½	4	5	6	7	8	10	12	14	16	18	20	24
Inches,	7	7¼	7½	7¾	8	8½	9	9½	10	11	12	13	14	15	16	17
Each,	$0 60	0 62	0 65	0 70	0 75	0 90	1 10	1 20	1 30	1 40	1 50	1 75	2 00	2 25	2 50	3 00

Saucepans.

Bellied, Rimmed Bottom, with Cover and Handle.

	Quarts,	1	1½	2	2½	3	4	5	6	7	8
White Enameled,	Each,	$0 48	0 56	0 68	0 88	0 78	0 84	0 96	1 11	1 21	1 31
Tinned,	"	48	56	63	69	75	84	96	1 11	1 21	1 31

Brass and Copper Kettles.

BRASS.

Fig. 5677

COPPER

Fig. 5678.

Brass Kettles.

Capacity,	Quarts,	2	4	6	8	10	12	16	18	20	24	32	40	48	56	72	100	128
Diameter,	Inches,	7	8	9	10	11	12	13	14	15	16	17	18	19	20	22	24	26
Depth,	"	4½	5	6	7	8	9	9½	10	10½	11	11½	12	13	14	15½	17	18½
Plain Brass,	Each,	$0 30	0 45	0 75	0 90	1 05	1 30	1 50	1 75	1 95	2 25	2 70	3 47	4 13	5 45	6 60	9 08	11 48
Tinned Inside,	"	.....	45	75	90	1 05	1 20	1 50	1 75	1 95	2 25	2 70	...	...	.....	...	...	

Copper Kettles.

Regular Sizes, 8, 10, 12, 15, 18, 20, 22, 25, 28, 30, 32, 35 and 40 Gallons, - - per pound $

Average Weight, 1 to 1½ pounds to the Gallon.

CHINA LIMB AND BABY DOLLS.

Nos. 505 to 507. No. 612.

No. 613.

BABIES.

BISQUE, JOINTED, FLOWING HAIR, WITH TEETH AND MOVING EYES.

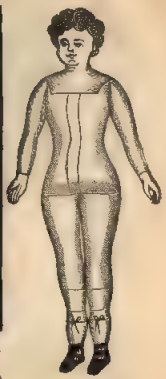
No 611. Length 5¾ inches, ½ dozen in box ..... per doz., $4 00
No. 612. Length 6¾ inches, ½ dozen in box ..... per doz 6 00
No 613. Length 9 inches, ½ dozen in box ..... per doz., 8 50

CHINA LIMB DOLLS.

STANDARD QUALITY, GLAZED CHINA HEAD.

No. 700.	8½ inches,	1-8 gross in package		per gross,	$ 4 25
" 701.	11 "	1-12 gross in package		"	9 00
" 702.	11½ "	stitched body, 1-12 gross in package,		"	12 00
" 703.	13 "	1-24 " " "		"	16 00
" 704.	15¾ "	1-24 " " "		"	24 00
" 705.	17 "	1-24 " " "		"	30 00
" 706.	20 "	1-24 " " "		"	48 00

Nos. 600 to 603.



Nos. 700 to 706.

EXTRA FINE QUALITY, BISQUE HEAD, JOCKEY AND BONNET PATTERN, GOLD ORNAMENTED.

No. 505.	7½ inches,	1 dozen in box	per gross,	$ 4 75
" 506.	11½ "	1 " " "	"	10 50
" 507.	12¾ "	1 " " "	"	12 50

HOOD DOLLS, BISQUE HEADS, ASSORTED HOODS, NICELY DECORATED.

No. 600	7½ inches long,	2 dozen in package	per gross,	$ 4 50
" 601.	10½ "	1 " " "	"	9 00
" 602.	12½ "	1 " " "	"	15 50
" 603.	14¾ "	½ " " "	"	21 00

BISQUE BABIES, SWIMMERS, WILL FLOAT.

No. 715.	2¾ inches,	1 dozen in package	per doz.,	$0 75
" 714.	4¾ "	1 " " "	"	1 75

WIRE JOINTED BABIES IN BISQUE.

No. 723.	3¾ inches,	1 dozen in package	per doz.,	$0 88
" 724.	5¾ "	1 " " "	"	2 00

BISQUE BABIES WITH FLOWING HAIR, PAINTED SHOES, JOINTED ARMS.

No. 712.	3¼ inches,	1 dozen in package	per doz.,	$0 75
" 713.	4¼ "	1 " " "	"	1 25
" 714.	5½ "	1 " " "	"	1 75

BOYS JOINTED IN BISQUE, SITTING POSITIONS.

No. 721.	3 inches,	1 dozen in package	per doz.,	$0 75
" 722.	5 "	½ " " "	"	3 00

SAME AS ABOVE, NOT JOINTED.

No. 719.	3¼ inches,	1 dozen in package	per doz.,	$0 75
" 720.	4¾ "	1 " " "	"	1 75

SAME, STANDING POSITIONS, ASSORTED.

No. 725.	2¾ inches,	¼-gross in package	per gross,	$10 50

READ THE PREFACE BEFORE ORDERING.

On orders for $50 00 or over, for Holiday Goods only, pages 1 to 113 to those who have established credit with us, bills will be dated Nov. 1, 1893. No charges made for Boxes and Carriage.

KID BODY DOLLS.

No. 733. No. 738. No. 790. No. 951. No. 742.

Kid body dolls, moving eyes, full jointed kid bodies, shoes and stockings, covered bust, bisque heads, showing teeth.

No. 739. 14½ inches, 1 dozen in box ..... per doz., $4 50
" 740. Stout, 14½ inches, ½ dozen in box..... " 6 00
" 738. 19 inches, ½ dozen in box..... " 8 50
" 786. 18½ inches, ½ dozen in box .. . " 9 00

Kid body dolls, fine quality, stout kid bodies, with shoes and stockings, covered busts, fine bisque heads, moving eyes, teeth, long curls.

No. 730. 17 inches long, ½ dozen in package.... . .. per doz. $6 00
" 732. 15½ " .... " 8 50
" 733. 17½ " ... . " 10 50

FINE QUALITY KID BODY DOLL.

New model bisque head, teeth, flowing hair, natural glass eyes, bisque hands, stout body, shoes and stockings.

No. 520. Length 19 inches, ½ dozen in box..... per doz., $9 75

BEST QUALITY, NEW MODEL.

French head, flowing curls, teeth, moving eyes, bisque hands, shoes and stockings, covered bust, stout body.

No. 511. Length 15 inches..... per doz., $9 00

Kid body, bisque head, flowing hair, showing teeth, covered bust, shoes and stockings, blondes and brunettes, assorted.

No. 951. 18½ inches long, ½ dozen in package..... per doz., $8 75
" 952. 15 " ½ " " ..... " 4 50

Kid body, bisque head, flowing hair, showing teeth, covered bust, shoes and stockings, blondes and brunettes, assorted.

No. 949. 15 inches long, ½ dozen in package..... ... per doz., $4 00
" 950. 21 " ½ " " .... " " 9 00

Extra fine quality kid body dolls, fine bisque head, moving eyes, curls, extra stout body, covered bust, all bisque arms, jointed, shoes and stockings.

No. 788 17 inches, 1 12 doz. in pkg .. per doz., $18 75
" 790 20½ inches, 1-12 doz. in pkg. per doz., 27 00
" 791 25 inches, extra stout, 1 12 doz in package, per dozen.... .... 54 00
" 741. 25½ inches, extra stout, 1-12 doz. in package . . .. per doz., 60 00
" 742 29 inches, extra stout, 1 12 doz. in package, per dozen 78 00

Full kid body, bisque head, teeth, flowing hair, glass eyes.

No. 528. Length 12 inches, 1 doz. in box, per doz., $1 75

Special line same as above except imitation stockings and real socks.

" 529. Length 12 inches, 1 doz. in box, per doz., 2 00
" 530 Full kid, bisque head, mohair hair dressing imitation stockings, slippers, 1 dozen in package, 12 inches . .. ...per doz., 2 00
" 737. All kid, full jointed, extra size head, with heavy mohair hair dressing, 11½ inches long, 1 dozen in package.. . .. .per doz, 2 25
" 793. All kid body, with extra size bisque head, showing teeth, 14½ inches long, 1 dozen in package.....per doz., 2 50

Flowing hair, teeth, covered bust.

No. 784. Length 14 inches, ½ doz. in box, per doz., 3 75

No. 511. No. 528.

No. 737. No. 949.

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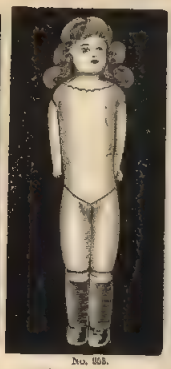
KID BODY DOLLS.

No. 912.



No. 908.

Bisque head, moving eyes, showing teech, long flowing hair, covered bust, shoes and stockings, blondes and brunettes.

No. 912. 15 inches long, ½ dozen in package.....per doz., $4 00
" 908. With wig, 17 inches long, ½ dozen in package . ... per doz. 6 75
" 909. With wig, 18½ inches long ½ dozen in package .....per doz., 9 75

Boy kid body Dolls, full kid body, full jointed, bisque head, moving eyes, teeth, the new wave curl hair dressing.

No. 728. 14½ inches long.....per doz., $6 75
" 729. 16½ " " ..... " 9 00

Full kid body, full jointed, stationary eyes, with teeth, lamb's wool wigs.

No. 792. 14 inches long, ½ dozen in package .....per doz., $4 50

No. 792. No. 729.

Finest kid body Dolls made, new French model head, moving eyes, porcelain teeth, extra quality curly wig, blonde and brunette, stout body, patent jointed arm, shoes, fancy stockings.

No. 958. 14½ inches long per doz., $14 50
" 959. 16½ " " " 16 50
" 960. 19 " " . . " 24 00
" 961. 21¾ " " ..... " 33 00
" 962. 25 " " ..... " 48 00

Without patent arms.

No. 953. 18 inches long.....per doz., 13 50
" 963. 18½ " " .... " 13 50

No. 905.

Bisque head, moving eyes, stout body, jointed arm, leather shoes, fancy stockings, long flowing hair wig.

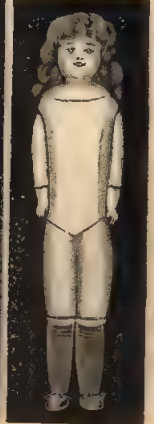
No. 904. 17½ inches long per doz., $12 00
" 905. 20½ " " " 18 00
" 906. 23½ " " " 27 00

New model heat bisque head, moving eyes, showing teeth, wig. Rembrandt hair-dressing, fancy stockings, leather shoes, stout body, patent bisque arms.

No. 900. 17 inches long .. per doz., $16 50
" 901. 19¾ " " " 24 00
" 902. 22½ " " " 30 00
" 903. 27 " " " 54 00

Nos. 900 to 903.

No. 909.



No. 695.

READ THE PREFACE BEFORE ORDERING.

On orders for $50 00 or over, for Holiday Goods only, pages 1 to 113 to those who have established credit with us, bills will be dated Nov. 1, 1903. No charges made for Boxes and Cartage.

JOINTED AND WASHABLE DOLLS.

No. 6.

Nos. 3 and 4.

Nos. 35 and 43.

No. 727.

EXTRA QUALITY FINE JOINTED DOLLS.

Latest model French head, long, flowing hair, waving bangs, fine lace trimmed chemise, shoes and stockings.

No. 2. Length, 13 inches ..... per doz., $16 00
" 3. " 15 " ..... " " 21 00
" 4. " 17 " ..... " " 27 00
" 6. " 20½ " ..... " " 36 00

JOINTED DOLLS.

Bisque head, showing teeth, fancy chemise

No. 36. 14 inches long, 1 dozen in package ..... per doz., $2 75
" 43. 17½ " " ½ " " " ..... " " 6 00
" 556. 20½ " " ..... " " 9 00

FINEST QUALITY JOINTED DOLLS, EXTRA LARGE SIZES.

Can be used as models, ball jointed, paper body, latest model bisque head, showing teeth, moving eyes, new wave hair dressing, fine chemise.

No. 726. 26 inches ..... per doz., $ 78 00
" 727. 35 " ..... " " 180 00

WASHABLE DOLLS.

Extra size heads, with teeth, glass eyes, lace trimmed chemises, imitation shoes and stockings, soft limbs. The popular line.

No. 800. 18 inches, 1 dozen in package ..... per doz., $2 00
" 801. 22 " ½ " " " ..... " " 3 50
" 802. 29½ " ½ " " " ..... " " 6 75

WASHABLE DOLLS, EXTRA QUALITY.

Washable heads, glass eyes, mohair hair dressings, fancy chemises, bare feet

No. 803. 17½ inches, 1 dozen in package ..... per doz., $2 00
" 804. 23½ " ½ " " " ..... " " 3 50
" 805. 27½ " ½ " " " ..... " " 6 50
" 806. 30 " ½ " " " ..... " " 9 00

Nos. 800 to 802.

FINE WASHABLE DOLLS.

Fine washable heads, fine waved hair dressing, full lace chemises, trimmed with bows, fine double stitched body, glazed limbs and arms.

No. 766. 23½ inches, ½ dozen in package ..... per doz., $8 50

WASHABLE DOLLS.

"PAPA AND MAMA."

No. 808. 14 inches, 1 dozen in package ..... per doz., $2 00

"Fat Baby"

No. 807 13 inches, 1 dozen in package ..... per doz., 2 00

BOY WASHABLE DOLLS.

Washable heads, glass eyes, boy hair dressings, fancy shirts, bare feet.

No. 809. 17½ inches, 1 dozen in package ..... per doz., $2 00
" 541. 16 " ½ " " " ..... " " 4 00

BOY WASHABLE DOLLS.

Fine washable heads, glass eyes, new side-parted hair dressing, bosom front shirt with bow, bare feet.

No. 797 16 inches, ½ dozen in package ..... per doz., $3 75
" 798. 20½ " ½ " " " ..... " " 6 00

Fine grade wig, natural lamb's wool, fine body and shirt.

" 799. 16 inches, ½ dozen in package ..... " " 3 75

Nos. 804 to 806.

READ THE PREFACE BEFORE ORDERING.

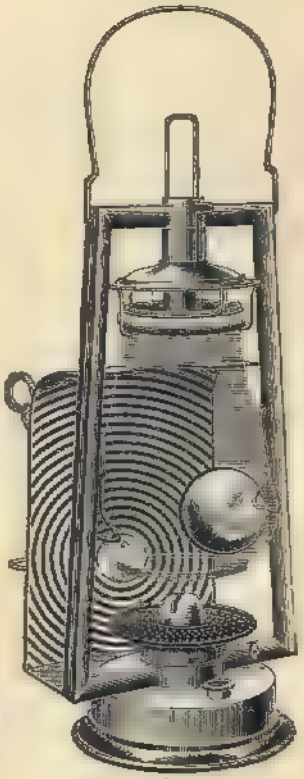
On orders for $50 00 or over, for Holiday Goods only, pages 1 to 113 (to those who have established credit with us), bills will be dated Nov. 1, 1893. No charges made for Boxes and Cartage.

Lamps and Reflectors.

DASH LAMP
Fig. 6370.

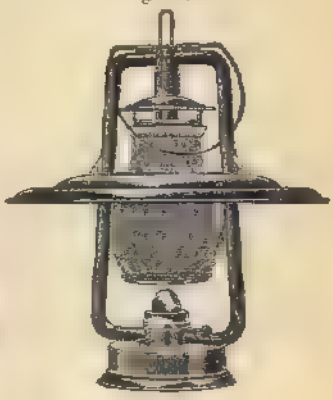
No. 64

DASH LAMP
Fig. 6371.



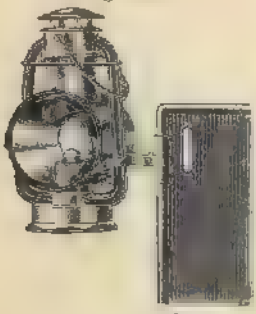
Nos. 61½ and 061½.

TOP REFLECTOR.
Fig. 6372



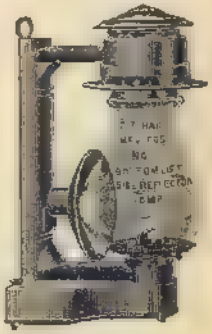
No. 60

DRIVING LAMP
Fig. 6373.



No. 66.

SIDE LAMP
Fig. 6374.



No. 71

No. 60, Tin Top Reflectors only, 13 inches Diameter, without Lanterns, - per dozen, $4 00

No. 60 is made for all Nos. 0 and 2 Tubular Lanterns. In ordering, state No. of Lantern for which they are wanted.

No. 61,	Plain	Tin Dash Lamp,	Side Spring,	No. 1	Burner,	⅜	inch Wick,	No. 0	Plain	Globe,	per dozen,	$ 9	50
61½,	"	"	"	"	1	"	⅜	"	" 0	Bull's-Eye	"	"	10 50
061½,	Blued	"	"	"	1	"	⅜	"	" 0	Plain	"	"	10 50
061½,	"	"	"	"	1	"	⅜	"	" 0	Bull's-Eye	"	"	11 50
64,	Plain	"	"	"	1	"	⅜	"	" 0	Plain	"	"	20 00
64½,	"	"	"	"	1	"	⅜	"	" 0	Bull's-Eye	"	"	21 00
66,	Brass	Driving Lamp,	with Dash Clamp,	No. 00	Burner,	½	inch Wick -			-		"	52 00
66g,	Nickel-plated	"	"	"	"	" 00	"	½	"	-		"	64 00
71.	Plain	Tin Side Lamp,	with Silvered Glass Reflector,	No. 1	Burner,	⅜	inch Wick,	No. 0	Globe,			"	15 00

Lamps.

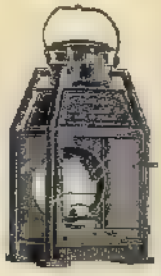
Tubular Triangular.

Fig. 6375

No. 5.

TUBULAR SQUARE.

Fig. 6376

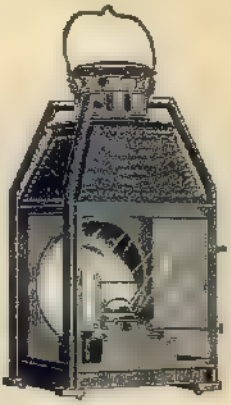


No. 6.

Fig. 6377.

No. 7

Fig. 6378.



No. 8.

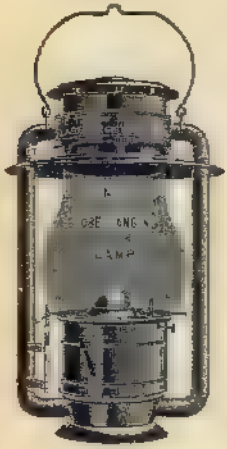
All with Silvered Glass Reflectors.

No. 5,	Triangular Tubular Lamp,	No. 3	Burner,	1½ inch Wick,	10-inch Reflector,	-	-	each,	$8 50
6,	Sq. Tub'r Lamp,	Hght 16¾ in.,	Width 8¾ in.,	Depth 7½ in.,	No. 2 Burner,	1 in. Wick,	6-in. Refl'r,	"	4 50
7,	" " "	22½ "	11¼ "	10½ "	3 "	1½ "	8 "	"	6 50
8,	" " "	24½ "	13½ "	11½ "	3 "	1½ "	12 "	"	8 50

One in a Box.

Tubular Hanging.

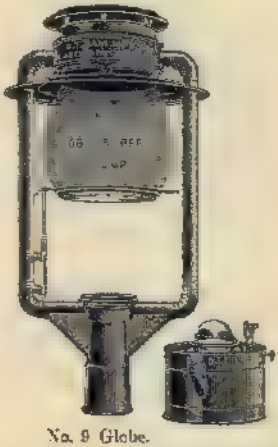
Fig. 6379.



No. 9 Globe.

TUBULAR STREET.

Fig. 6380.



No. 9 Globe.

Fig. 6381

No. 10, Square.

No. 9,	Globe Tub'r Hanging Lamp,	No. 150	Globe,	1½ in Wick,	with Bottom Lift and Aut'ic Exting'r,	each,	$5 50
9,	" " Street "	" 150	"	1½ "	" " " " "	"	5 50
10,	Square " " "	1½-inch Wick,	with Automatic Extinguisher,	-	-	"	8 50

One in a Box.

Lanterns.

TUBULAR.

Fig. 6361. Fig. 6362

No. 00, Regular.

No. 0, Regular.

RAILROAD.

Fig. 6353 Fig. 6354

No. 39, Wire Bottom

No. 39, Tin Bottom

No. 00, Regular Tubular, Oval Tubes, No. 1 Burner, ¾ inch Wick, No. 0 Globe, Basket Guard, per dozen, $ 7 [illegible]
0, " " " " " 0 " ¾ " " 00 " Regular " " 6 50
39, Wire Bottom Railroad, for Lard, Sperm or Kerosene Oil, Single Guard, " " " 9 50
39, Tin " " " " " " Double " " " 10 00

One Dozen in a Box

BRASS AND NICKEL-PLATED.

Brass Tubular. Nickel-plated Conductors

Fig. 6365 Fig. 6366 Fig. 6367. Fig. 6368. Fig. 6369

No. 78.

No. 89.

No. 92.

No. 94.

No. 95

No. 78, Gem Brass Tubular, No. 00 Burner, ¾ inch Wick, No. 0 Globe, Basket Guard - per dozen, $14 00
89, Nickel-plated Conductors' Lantern, Screw Oil Cup with Guard, - - " 72 00
92, " " " " " " - - - " 72 00
94, " " " " " " - - - " 84 00
95, " " " Bayonet Catch with Guard, - - - - " 48 00

Engraving Name on Globe of Nos. 89 to 95, add $1 00 Net; Name and Wreath, add $1 50 Net

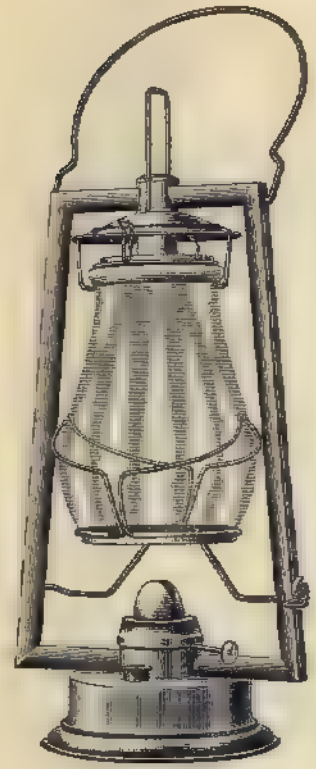
For Nos. 89 to 95, with half Green Globes, add to above prices of Lanterns, - - per Dozen, $27 00

Globes furnished with Nos. 89 to 94 are Hand Made. Best Flint Glass. White Globes furnished with No. 95 are Common Glass; Half Green Globes, Best Flint Glass.

Lanterns.

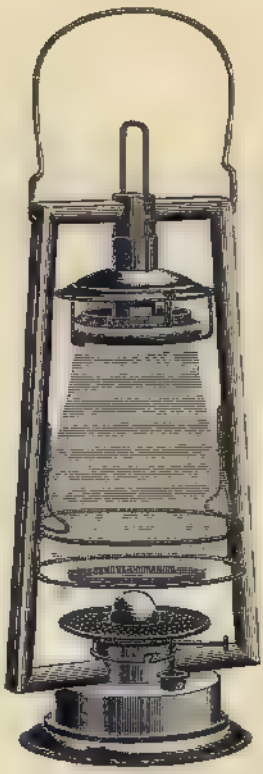
TUBULAR, LIFT WIRE.

Fig 6358.



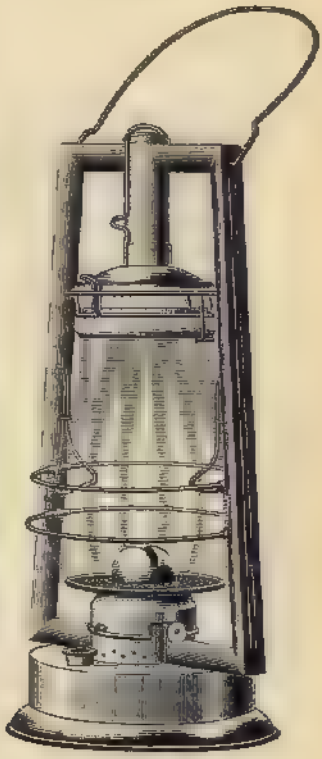
No. 0, Clipper.

Fig. 6359.



Nos. 0 and 0P, Side Spring.

Fig. 6360.



No. 2, Side Spring.

No. 0,	Clipper Lift.	Oval Tubes,	No. 1	Burner,	⅜	Inch Wick,	No. 0	Globe,		-	-	per dozen,	$ 7 50
0,	Side Spring,	"	"	1	"	⅜	"	"	0	"	-	-	"	8 00
2,	"	"	"	2	"	1	"	"	0	"	-	-	"	11 00
0P,	"	"	"	1	"	½	"	"	0	"	Brass and Copper-			
	plated, Assorted,		-		-		-		-		-	-	"	10 00

All above Lanterns, One Dozen in a Case.

PLIERS.

Fig. No D775

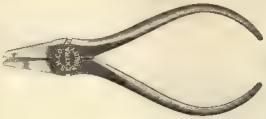
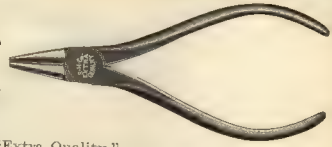


Fig. No D776.



S. H. Co., "Extra Quality."

Flat Nose.

S. H. Co., "Extra Quality," Flat Nose, Solid Steel, Drop Forged, Polished Jaws, Tempered in Oil

No. 089F—	Inches,	3	4	5	6	7	8
	Per dozen,	$2.10	2.10	2.40	3.30	4.25	5.10

Round Nose.

S. H. Co., "Extra Quality," Round Nose, Solid Steel, Drop Forged, Polished Jaws, Tempered in Oil.

No. 890R—	Inches,	3	4	5	6	7	8
	Per dozen,	$2.10	2 10	2.40	3.30	4 25	5 10

Fig. No D777

Fig. No D778.

Flat Nose, Cast Steel.

No. 70—	Inches,	3	4	5	6	8
	Per dozen,	$2.10	2.10	2.35	3.10	5.50

Round Nose, Cast Steel.

No. 71—	Inches,	4	5	6
	Per dozen,	$2.10	2.35	3.10

Fig. No. D779

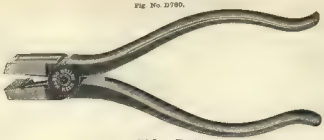
Keyes' Steel Pliers.

No. 1—Keyes', Black Finish, Polished Jaws,	Inches,	4	5	6	7
	Per dozen,	$1 65	2 25	2.85	3.35
No. 10—Keyes', Nickel Plated,	Inches,	4	5	6	7
	Per dozen,	$2.10	2 65	3.25	3.75

One-half Dozen in a Box.

PLIERS.

Fig. No. D780.



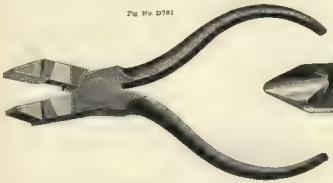
Flat Side Cutter.

Keen Kutter, Flat Side Cutter, Drop Forged Steel, Polished Jaws, Tempered in Oil.

No. 950	Inches,	4	5	6	7	8
	Per dozen,	$8.25	8.50	10.25	13.50	16 00

One-half Dozen in a Box.

Fig. No. D781.

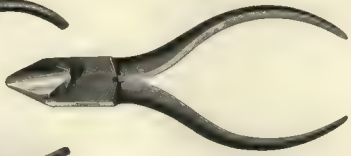


Flat Side Cutter.

No. 91Y—	Inches,	5	6
	Per dozen,	$7.00	8.50

One-half Dozen in a Box.

Fig. No. D782.

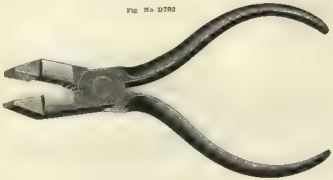


Diagonal Side Cutter.

No. 149—Stubs',	Inches,	4	5	6
	Per dozen,	$10.50	10.50	14 00

One Dozen in a Box.

Fig. No. D783



Raised Side Cutter.

Standard Quality.

No. 95Y—	Inches,	5	6
	Per dozen,	$7.00	8.50

Extra Quality.

No. 864—	Inches,	5	6	7	8
	Per dozen,	$7.25	8.75	12 00	15 00

One-half Dozen in a Box.

No. 153—Stubs',	Inches,	5	6	7	8
	Per dozen,	$10.00	11.00	18.00	24 00

One Dozen in a Package.

PLIERS AND WIRE CUTTERS COMBINED.

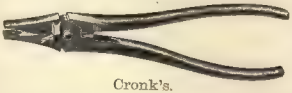
Fig. No. D784.

Button's Pattern.

Button's Pattern—Flat Nose, Solid Cast Steel,	Inches,	4½	6	8	10
	Per dozen,	$10.00	12.00	15.00	22.00

One-half Dozen in a Box.

Fig. No. D785.



Cronk's.

Cronk's—Tool Steel,	Inches,	8	10
	Per dozen,	$15.00	21 00

One-half Dozen in a Box.

Fig. No. D786.

Terry's.

PER DOZEN.

Terry's—Steel, **11 in., with Claw** for drawing Staples, ... $10.00

One-half Dozen in a Package.

WIRE CUTTING NIPPERS.

Fig. No. D787

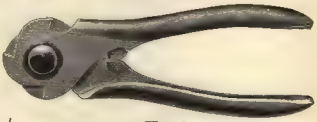
S. H. Co., "Handy."

PER DOZEN.

No. 40 - S. H. Co., "Handy," Pocket, 3 in., all Steel, ... $3.25

Cuts to No. 14 Brass Wire.

Fig. No. D788.



Keys'.

PER DOZEN.

No. 20 -3⅛ in., Keys', Steel, **Black Finish,** . $3 00

No. 30—3⅛ in., Keys', Steel, **Nickel Plated,** . 4.00

One-half Dozen in a Box.

Fig. No. D789.

Champagne.

PER DOZEN.

No. 15 4½ in., Keys', Champagne, Steel, Nickel Plated, ... $4.00

One-half Dozen in a Box.

Fig. No. D790.

Pease's Combination.

Wire Cutter, Gas Plier and Wrench.

PER DOZEN.

Pease's—6 in., Nickel Plated, for 3/16 to 3/4 **in. Pipe,** $15.00

Pease's—10 in., Oil Finish, for ¼ to 1¼ **in. Pipe,** 18.00

One-twelfth Dozen in a Box.

SIMMONS HARDWARE COMPANY

CUTTING NIPPERS.

Fig No D791

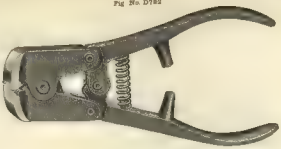
Hall's, Compound Lever.

Plain Finish.

Nos.,	1	2	4	6
Cuts Wire,	1/16 in.	3/32 in.	1/8 in.	3/16 in.
Size, Inches,	4	5	7	8
PER DOZEN,	$12.00	13.50	21.00	30.00

One-half Dozen in a Package.

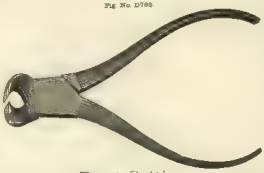
Fig No D782



Lindsay's, Giant.

	PER DOZEN.
Lindsay's—Giant, 5 in., Cuts Wire up to 3/32 in.,	$9.00
Lindsay's—Giant, 7 in., Cuts Wire up to 3/16 in.,	21.00

Fig No D793



Front Cutting.

Front, or End Cutting, Cast Steel.

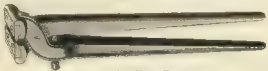
No. 61— Inches,	5	6	8
PER DOZEN,	$6.25	7.75	13.50

Stubs', Front, or End Cutting, Solid Cast Steel.

No. 154 Inches,	4	5	6
PER DOZEN,	$10.50	10.50	14.00

One Dozen in a Package.

Fig No D794



Todd's, with Set Screws.

	EACH.
No. 1—Todd's, 12 in., Tinners',	$2.25
No. 3—Todd's, 10 in., Tinners',	1.75
No. 4—Todd's, 8 in., Tinners',	1.50

Extra Cutters— Nos.,	1	3	4
PER PAIR,	$0.40	.40	.35

One in a Package.

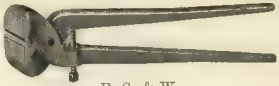
Fig No D795

No. 5.

Todd's, without Set Screws.

	EACH.
No. 5—Todd's, 5 in., Tinners',	$1.25
	PER PAIR.
Extra Cutters, No. 5,	$0.35

Fig No D798



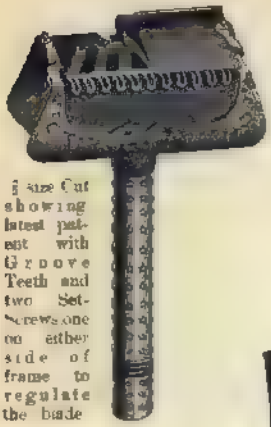
P. S. & W.

P. S. & W., Tinners', Nos.,	1	2	3	4	5
Inches,	11¾	10⅝	9⅝	8⅜	7¾
EACH,	$2.25	2.00	1.50	1.40	1.00

One-half Dozen in a Package.

"Star" Safety Razors.

Fig 5323.



½ size Cut showing latest patent with Groove Teeth and two Set-Screws one on either side of frame to regulate the blade

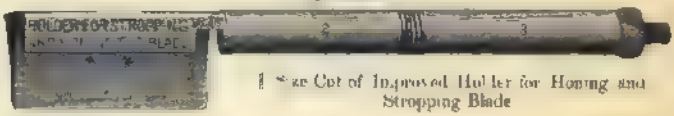
Fig 5324

½ Size Cut of Star Safety Razor Blade

Fig 5326

½ Size Cut of Blade Case, holding two Blades for mailing

Fig 5325

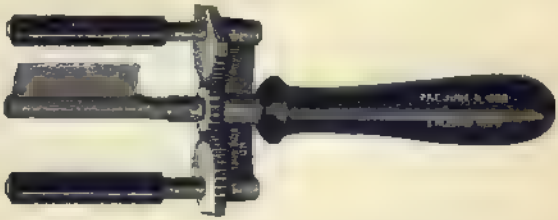


½ Size Cut of Improved Holder for Honing and Stropping Blade

"Star" Safety Razor including Frame, one Blade Extension Handle, and Improved Holder for Stropping, all in Enameled Metal Case, - - - - - - per dozen, $24 00
Extra Blades for Star Razors. - - - - - " 12 00

Star Safety Razor Stropping Machine.

Fig 5327



Star Safety Razor Stropping Machines, - - - - - - per dozen, $30 00

By means of this device a "Star" Razor Blade may be easily and quickly stropped, the Blade always turning on the back. It is impossible to turn a Blade held in this machine on its edge, hence the Blade cannot be nicked or injured.

"Star" Safety Razors.

In Satin Lined Morocco Cases.

Fig. 5328

The "Jewel" Case

Contains one Safety Razor, complete, - per case, $2 50

Fig. 5329

The "Star" Case

Contains one Safety Frame and two Blades, per case, $3 50

Fig. 5330

The "Traveling" Case

Contains one Safety Frame with two Blades, Shaving Soap, Shaving Brush, Comb and Cosmetic, - - - per case, $6 00

Fig. 5331

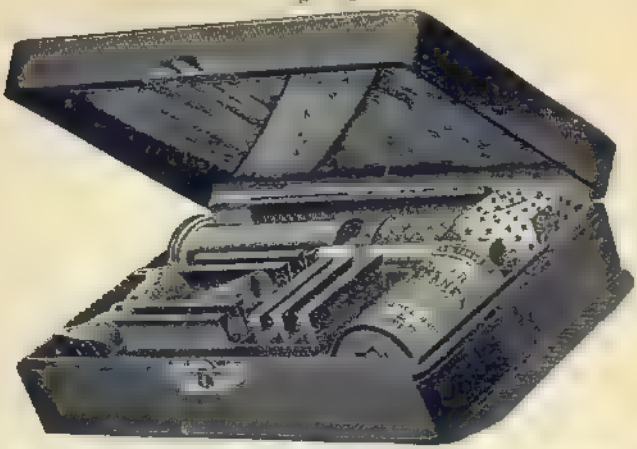
The "Favorite" Case

Contains one Safety Frame with 7 Blades, one for each day of the week, - per case, $10 00

"Star" Safety Razors.

In Satin Lined Morocco Cases.

Fig 5332



The "Favorite Traveling" Case contains one Safety Frame with 7 Blades, Shaving Soap, Shaving Brush, Comb and Cosmetic, - - - - - - per case, $12 50

Fig. 5333

The "Complete" Outfit contains one Safety Frame with four Blades, one Stropping Machine, one Swing Strop, Shaving Soap, Shaving Brush, Comb and Cosmetic, - - per case, $15 00

Razor Strops.

COMBINATION.

Fig. 5334

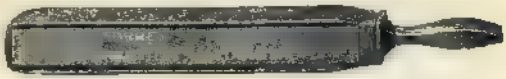
No. 2, 1½ inches, Sprague's Combination Belt and Hone, - - - per dozen, $6 00
No. 1½ " Torrey's " " " - - - - " 8 00

Fig. 5335

No. 250, 6½ inches, Combination or Cushion Belt and Hone, in Morocco Case, - - - per dozen, $17 50

CUSHION BELT

Fig. 5340



No. 230, 13½ inches, Cushion Belt, with Hone, Imitation Morocco Case, Fine Leather Finish, per dozen, $8 00

BELT

Fig. 5337

No. 50, 12½ inches, Faultless German Belt, Double Rod Frame, - - - - per dozen, $3 00

Fig. 5338.

No. 8, 13½ inches, Heavy German Belt, Extra Wide, Double Rod Frame, per dozen, $8 00

Fig. 5339

Torrey's Goldschmidt's Pattern.

No. 2AK, 12½ inches, Goldschmidt's Pattern, Genuine Russia Leather, Double Rod Frame, per dozen, $ 8 20
3AM, 13½ " " " " " " 10 80

Goldschmidt's Genuine

No. AK, 12½ inches, Goldschmidt's Genuine Russia Leather, Double Rod Frame, - per dozen, $12 00
AM, 13½ " " " " " " " - " 15 00
AG, 14½ " " " " " " " - - " 18 00

EMERSON'S ELASTIC

Fig. 5340

No. 98C, 13½ inches, Emerson's Elastic, one side Oval, - - - - - per dozen, $4 00

All above Razor Strops, One-half Dozen in a Box

E. N. WELCH MANUFACTURING COMPANY'S MOVEMENTS.

In Fine Imported Marble Cases.

No. 497.
Inlaid and Engraved.
Height, 9½ inches. Length, 11 inches.
Diamond Movement. Visible Escapement.
Eight Day, Half-hour Cathedral Strike.

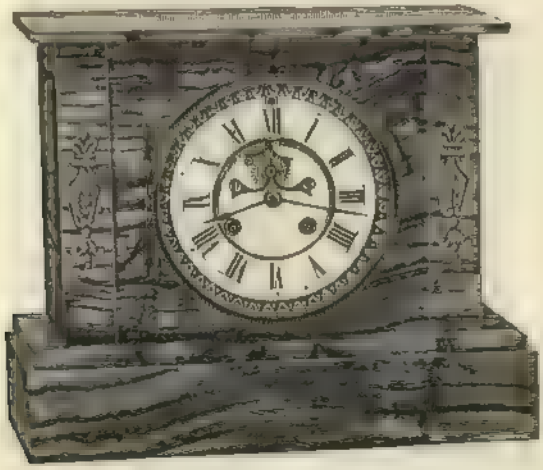
With No. 264, Plain White Dial, as above.....$20 00
With No. 262, Ivory Tinted Dial.....21.50

No 498.
Inlaid and Engraved.
Height, 9¾ inches. Length, 11 inches.
Diamond Movement. Visible Escapement.
Eight Day, Half-hour Cathedral Strike.

With No. 264, Plain White Dial, as above.....$21.50
With No. 262, Ivory Tinted Dial.....23.00

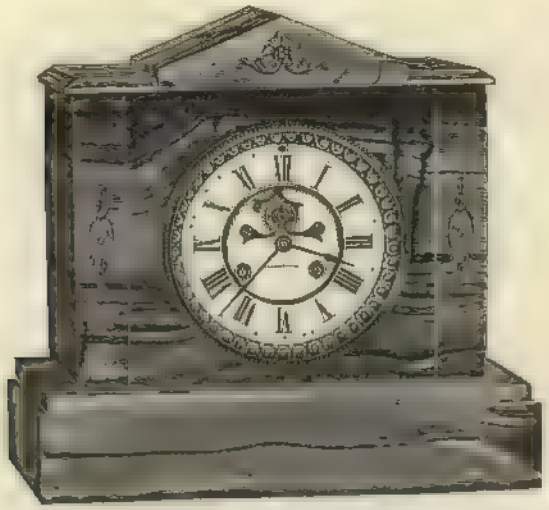
E. N. WELCH MANUFACTURING COMPANY'S MOVEMENTS.

IN FINE IMPORTED ONYX CASES.



No. 485.
Gilt Ornamented.
Height, 10 inches; Length, 11½ inches.
Diamond Movement. Visible Escapement.
Eight Day, Half-hour Cathedral Strike.

With No. 264, Plain White Dial, as above $23.70
With No. 262, Ivory Tinted Dial 25.20

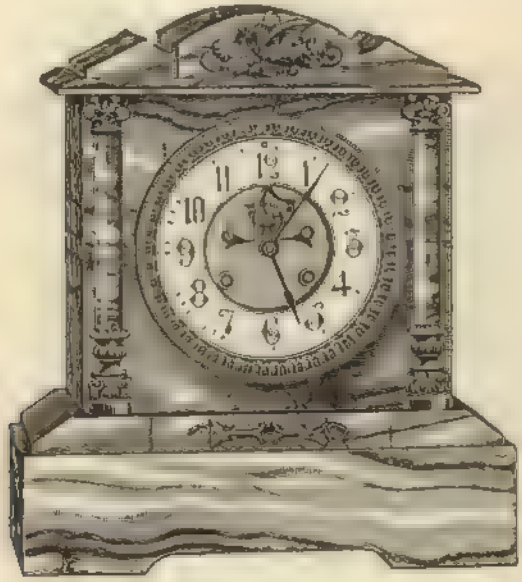


No. 486.
Gilt Ornamented.
Height, 10 inches; Length, 11½ inches.
Diamond Movement. Visible Escapement.
Eight Day, Half-hour Cathedral Strike.

With No. 264, Plain White Dial, as above $25.50
With No. 262, Ivory Tinted Dial 27.00

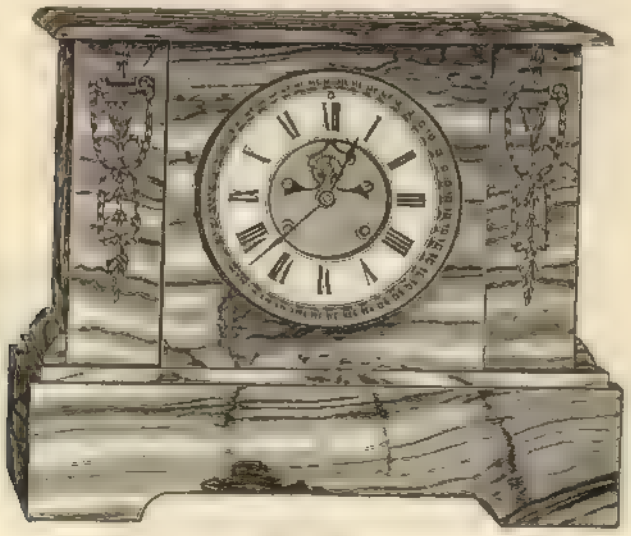
E. N. WELCH MANUFACTURING COMPANY'S MOVEMENTS.

IN FINE IMPORTED ONYX CASES.



No. 488.
Gilt Ornamented.
Height, 12½ inches; Length, 10 inches.
Diamond Movement. Visible Escapement.
Eight Day, Half-hour Cathedral Strike.

With No. 265, Plain White Dial, as above $35.00
With No. 261, Ivory Tinted Dial 36.50

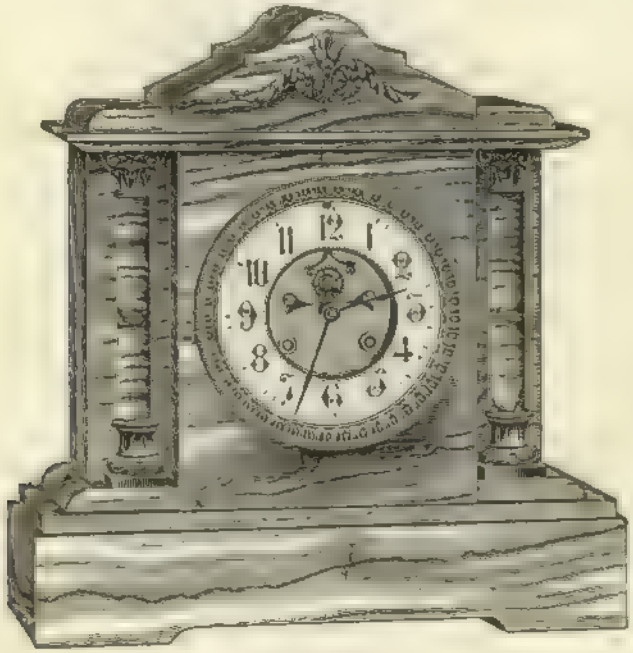


No. 487.
Gilt Ornamented
Height, 10½ inches; Length, 12 inches.
Diamond Movement. Visible Escapement.
Eight Day, Half-hour Cathedral Strike.

With No. 264, Plain White Dial, as above $28.00
With No. 262, Ivory Tinted Dial 29.50

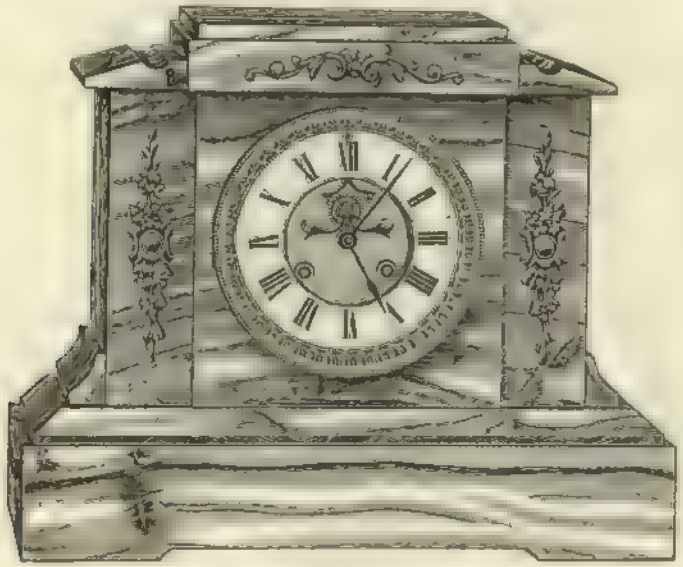
E. N. WELCH MANUFACTURING COMPANY'S MOVEMENTS.

IN FINE IMPORTED ONYX CASES.



No. 490.
Gilt Ornamented
Height, 13½ inches; Length, 12 inches.
Diamond Movement. Visible Escapement.
Eight Day, Half-hour Cathedral Strike.

With No. 265, Plain White Dial, as above $40.00
With No. 261, Ivory Tinted Dial 41.50



No. 489.
Gilt Ornamented.
Height, 11 inches; Length, 13 inches.
Diamond Movement. Visible Escapement.
Eight Day, Half-hour Cathedral Strike.

With No. 264, Plain White Dial, as above $30.00
With No. 262, Ivory Tinted Dial 40.50

PICTURE NAILS.

Fig. No D4681

PER GROSS.

No. 245—Amber Center, Fancy Unburnished Rim, **Slide Head,** 3 in. Spike, . . $6.00

No. 045—Blue Center, Fancy Unburnished Rim, **Slide Head,** 3 in. Spike, . . 6.00

No. 923½—Ruby Center, Fancy Unburnished Rim, **Slide Head,** 3 in. Spike, . . 6.00

Fig. No D4682

PER GROSS.

No. 87—Blue Center, Fancy **Silver Plated Burnished Rim, Slide Head,** 3 in. Spike, $6.00

Fig. No D4683

PER GROSS.

No. 501—Black and Gold Centers, **Gilt Burnished Rim, Slide Head,** 2½ in. Spike, . $5.00

Fig. No D4694

PER GROSS.

No. 503—Black and Gold Centers, **Gilt Burnished Rim, Slide Head,** 2½ in. Spike, . . $6 00

Fig. No D4695

PER GROSS

No. 505 Black and Gold Centers, **Gilt Burnished Rim, Slide Head,** 3 in. Spike, . . $7.00

Fig. No. D4696

PER GROSS.

No. 178—Ruby Center, Fancy Rim, **Screw Head,** 3 in. Spike, . . $8.00

Fig. No D4697.

PER GROSS

No. 6323—White and Gold Center, Plain Burnished Rim, **Slide Head,** 3½ in. Spike, . $4.00

Fig. No D4698

PER GROSS

No. 7323—Blue and Gold Center, Fancy Burnished Rim, **Slide Head,** 3 in. Spike, $6 00

Fig. No. D4699

PER GROSS.

No. 790—Hammered Copper Finish Center, Plain Gilt Rim, **Slide Head,** 2½ in. Spike, $4.00

Fig. No D4700

PER GROSS

No. 890—Hammered Oxidized Silver Finish Center, Fancy Gilt Rim, **Slide Head,** 3 in. Spike, ... $6.00

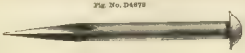
One-quarter Gross in a Box.

Cuts Full Size.

SIMMONS HARDWARE COMPANY

PICTURE NAILS.

Fig. No. D4679



Full Size Cut of 3 in.

PER GROSS

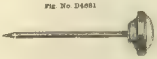
2 in., Brass Head, . . $1 40

3 in., Brass Head, . . [illegible]

Fig. No. D4690

Cut showing Slide Head.

Fig. No. D4681



Cut showing Screw Head.

Fig. No. D4692

PER GROSS.

No. 012 White Porcelain, no Rim, **Slide Head,** 2½ in. Spike, . $5.00

Fig. No. D4683

PER GROSS

No. 90—White Porcelain, Plain Brass Rim, **Slide Head,** 2½ in. Spike, $2.80

No. 90½—Ruby, Plain Brass Rim, **Slide Head,** 2½ in. Spike, . . 3 50

No. 12 White Porcelain, Plain **Brass Rim, Screw Head,** 1½ in. Spike, 2 40

Fig. No. D4694

PER GROSS

No. 212 White Porcelain, no Rim, **Slide Head,** 3 in. Spike, . . $5.00

Fig. No. D4686.

PER GROSS.

No. 34 White Porcelain Center, Fancy Rim, **Slide Head,** 3 in. Spike, . . $5.00

Fig. No. D4695

PER GROSS

No. 89 Ruby Center, Plain Brass Rim, **Slide Head,** 2½ in. Spike, $3.50

Fig No. L4687

PER GROSS

No. 4201 Ruby Star Center, Plain Rim, **Slide Head,** 2¼ in. Spike, . $4 00

Fig No. D4689

PER GROSS.

No. 123 Crystal Center, Plain **Burnished Rim, Slide Head,** 2½ in. Spike, $5.00

No. 1012 Ruby Star Center, Plain **Unburnished Rim, Slide Head,** 2½ in. Spike, 4.00

Fig. No. D4689

PER GROSS

No. 423 Ruby Star Center, Plain Rim, **Slide Head,** 2½ in. Spike, . $3.50

Fig No. D4690.

PER GROSS.

No. 134 Blue Center, Fancy **Burnished Rim, Slide Head,** 2½ in. Spike, $5.00

No. 3012—Blue Center, Plain **Unburnished Rim, Slide Head,** 2½ in. Spike, 4.00

One-quarter Gross in a Box.

Cuts Full Size.

PICTURE SUPPORTS.

Fig. No. D4709

PER GROSS.

No. 420 Ruby Star Center, **Black Band, Plain** Silvered **Rim and Base,** 1⅛ in. Screw, $7.00

Fig. No. D4710.

PER GROSS.

No. 5612 Amber Center, Plain Silvered Rim and Base, 1⅛ in. Screw, . . . $7.00

Fig. No. D4711

PER GROSS

No. 632—White and Gold Porcelain Center, **Plain** Burnished **Rim** and Base, 1⅛ in. Screw, $7.00

Fig. No. D4712.

PER GROSS.

No. 732 - Blue and Gold Porcelain Center, **Fancy** Burnished **Rim** and Base, 1⅛ in. Screw, $8.00

Fig. No. D4713.

PER GROSS.

No. 49—Yellow Dog Porcelain Center, **Fancy Burnished Rim** and Base, 1⅛ in. Screw, $8.00

Fig. No. D4714.

PER GROSS.

No. 69 Medallion Oxidized Silver Center, **Fancy Gilt** Burnished **Rim** and Base, 1⅛ in. Screw, $8.00

Fig. No. D4715

PER GROSS

No. 3623—Blue Star Center, **Fancy Rim** and Base, 1¾ in. Screw, $3.00

Fig. No. D4716

PER GROSS.

No. 17—Ruby Center, **Fancy Rim** and Base, 1⅛ in. Screw, . . $12.00

Fig. No. D4717

PER GROSS.

No. 0523—White Center, **Silvered Rim,** Burnished Base, 2 in. Screw, . $16.00

One-quarter Gross in a Box.

Cuts Full Size.

PICTURE NAILS.

Fig. No. D4701

PER GROSS.

No. 590—Old Copper Finish Medallion Center, Plain Gilt Rim, **Slide Head,** 2¼ in. Spike, . . $4.00

Fig. No. D4702

PER GROSS.

No. 690—Oxidized Silver Finish Medallion Center, Fancy Gilt Rim, **Slide Head,** 3 in. Spike, $6.00

Fig. No. D4703

PER GROSS.

No. 56—White Medallion Center, Fancy Rim, **Slide Head,** 3 in. Spike, . $6.00

Fig. No. D4704

PER GROSS.

No. 390—Gray Dog Center, **Plain** Burnished **Rim, Slide Head,** 2¼ in. Spike, . $4.00

Fig. No. D4705.

PER GROSS

No. 490—Yellow Dog Center, **Fancy** Burnished **Rim, Slide Head,** 3 in. Spike, . . $6.00

Fig. No. D4706.

PER GROSS.

No. 151—Ruby Center, Fancy **Silver Plated, Burnished Rim, Screw Head,** 3 in. Spike, . $14 00

One-quarter Gross in a Box.

Fig. No. D4707

PER GROSS.

No. 845—Ruby Star Center, Fancy **Rim, Screw Head,** 3 in. Spike, . . $14.00

One-quarter Gross in a Box.

Fig. No. D4708

PER GROSS.

No. 173—Blue Center, Silver Plated Burnished Rim, Screw Head, 3 in. Spike, $20.00

One Dozen in a Box.

Cuts Full Size.

BLACK CAST IRON, WROUGHT IRON FINISH ANDIRONS.

Fig No. D4358

PER PAIR.

No. 9540—18 in. High,
Weight 20 lbs., . $3.25

Fig No D4359

PER PAIR.

No. 9530—16 in. High,
Weight 18 lbs., . $3.50

Fig No D4360

PER PAIR.

No. 9512—14 in. High,
Weight 16 lbs., . $3.00

Fig No D4361

PER PAIR

No. 87 19 in. High,
Weight 14 lbs., . $4.00

Fig No D4362

PER PAIR

No. 160 – Stork Pattern, Circular Leg, 24 in. High, Weight 25 lbs., $8.00

Fig No D4363

PER PAIR

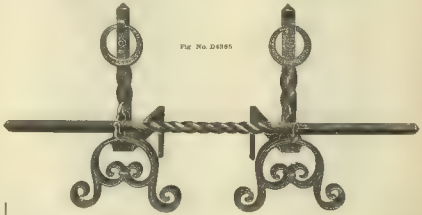
No. 81—Warriors, Circular Leg, 23 in. High,
Weight 28 lbs., . $10.00

Fig No D4364

PER PAIR.

No. 9522—17 in. High,
Weight 20 lbs., . $4.00

Fig No. D4365



PER PAIR.

No. 9534—15½ in. High, Bar 30 in., Weight 25 lbs., . $3 50

For Brass Andirons, see Page 974.

BLACK CAST IRON, WROUGHT IRON FINISH FIRE SETS.

Fig. No. D4352.

No. 9703 23 in. High, PER SET.
Weight 10 lbs., . $3.75

Fig. No. D4353

No. 9701—27 in. High, PER SET.
Weight 11½ lbs., . $4.50

Fig. No. D4354.

No. 55—28 in. High, PER SET.
Weight 13 lbs., . $5.50

Fig. No. D4355.

No. 9709—24 in. High, PER SET.
Weight 23 lbs., . $6.50

Fig. No. D4356.

No. 9706—27 in. High, PER SET.
Weight 25 lbs., . $6.75

Fig. No. D4357

No. 49—27 in. High, PER SET
Weight 12½ lbs., . $8.00

For Brass Fire Sets, see Page 973.

FIRE DOG IRONS.

SIMMONS HARDWARE COMPANY

Fig. No. D4346

Fig. No. D4347

Cast Iron.

Dog Head.

	PER PAIR.
No. A—10 in. High, Bright,	$0.90
No. B—10 in. High, Japanned,	1.20
No. C—12 in. High, Bright,	1.00
No. D—12 in. High, Japanned,	1.30
No. E—12 in. High, Bronzed,	1.40

Weights per pair, Nos. A and B, 8 lbs.; Nos. C, D and E, 11 lbs.

Ring Pattern.

	PER PAIR.
No. F—14 in. High, Bright,	$1.30
No. G—14 in. High, Japanned,	1.40
No. H—14 in. High, Bronzed,	1.70

Weights per pair, 13 lbs.

Packed Loose.

Fig. No. D4348

Fig. No. D4349

Ring Top, Japanned.

	PER PAIR.
No. 1—11 in. High, Weight per pair, 4 lbs.,	$0.75
No. 2—14 in. High, Weight per pair, 7 lbs.,	.85

Brass Top, Etruscan Bronzed, Surface not Ground.

	PER PAIR.
No. 245 14 in. High, Weight per pair, 8 lbs.	$2.00
No. 345—17 in. High, Weight per pair, 12 lbs.,	2.65

One Dozen in a Case.

Fig. No. D4350

For Cast Iron Fire Dog Irons, Wrought Iron Finish, see Page 971.

For Brass Fire Dog Irons, see Page 974.

Fig. No. D4351

	PER PAIR.
No. 389—17½ in. High, Etruscan Bronzed, Surface **not Ground,** Weight per pair, 10 lbs.,	$2.15
No. 278 16 in. High, Etruscan Bronzed, Surface **not Ground,** Weight per pair, 12 lbs.,	$2.45

Packed Loose.

FENDERS.

Fig. No. D4366

Fig. No. D4367

Black Cast Iron, Wrought Iron Finish.

	EACH.
No. 9048—Fenders **42 in. Long, 6½ in. High,** *Weight, 21 lbs.*	$7.50
No. 300—Fenders **41 in. Long, 7 in. High,** *Weight, 25 lbs.*	$11.00

FIRE IRON STANDS.

Fig. No. D4368

FENDERS.

Fig. No. D4368

Black Cast Iron, Wrought Iron Finish.

	EACH
No. 9036—Fenders **42 in. Long, 10 in. High,** *Weight, 38 lbs.*	$13.75

Black Cast Iron, Wrought Iron Finish.

	EACH
No. 9704½—Fire Iron Stands, **27 in. High,** *Weight, 9¾ lbs.*	$2.00

UMBRELLA STANDS.

Fig. No. D4370

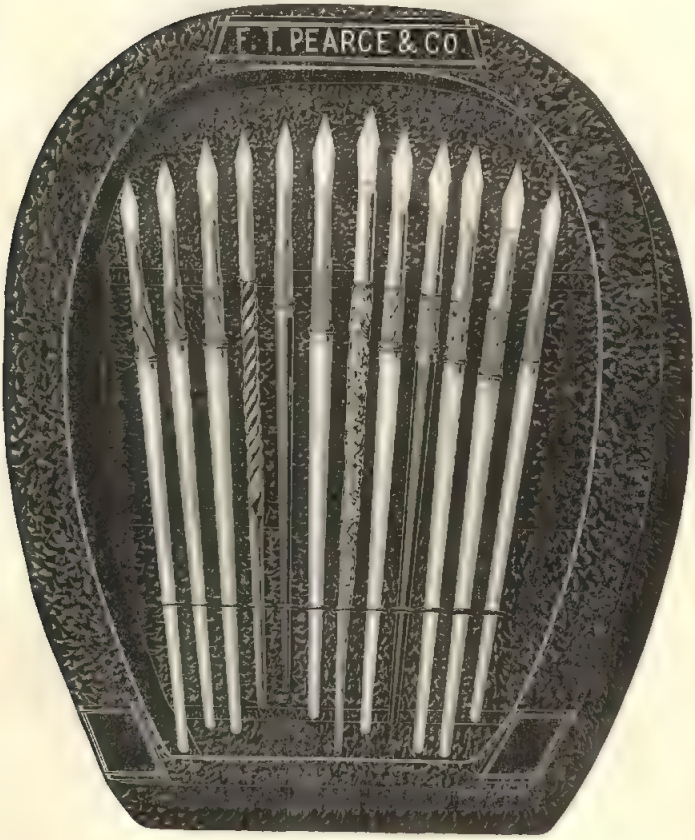
Fig. No. D4371

Fig. No. D4372

	EACH
No. 3017 Black Cast Iron, Wrought Iron Finish, **24 in. High, Diameter 8½ in.,** Weight each, 14 lbs.,	$4.00
No. 3019—Black Cast Iron, Wrought Iron Finish, **24 in. High,** Weight 20 lbs.,	$5.00
No. 10079 Hand Forged, Wrought Iron, 24 in. High, Weight 12 lbs.,	$6.00

For Brass Fenders, see Page 974.

GOLD PENS AND HOLDERS IN TRAYS.



Assortment No. 102. Contents and Tray $27 00

Printed List with price of each kind sent with each Tray. For description and prices see page No. 218

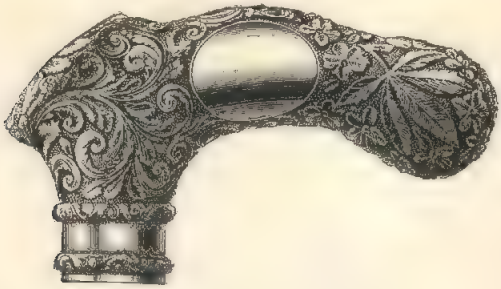
GOLD HEAD CANES.

Fitted with Fine Solid Ebony Sticks.

PRICES EACH.

Cut showing $\frac{3}{8}$ inch "Polo" Crook

No. 641.	First Quality Filled Gold Head, "Polo" Crook, $\frac{7}{16}$ inch.	$31.50
No. 642.	" " " " " " " $\frac{3}{8}$ "	26 75
No. 643.	" " " " " " " $\frac{5}{16}$ "	22 25
No. 644.	Second " " " " " " " $\frac{1}{4}$ "	25.00
No. 645.	" " " " " " " $\frac{3}{8}$ "	21.50
No. 646.	" " " " " " " $\frac{5}{16}$ "	17 75
No. 647.	Third " " " " " " " $\frac{1}{4}$ "	21.50
No. 648.	" " " " " " " $\frac{3}{8}$ "	17.75
No. 649.	" " " " " " " $\frac{5}{16}$ "	14.25



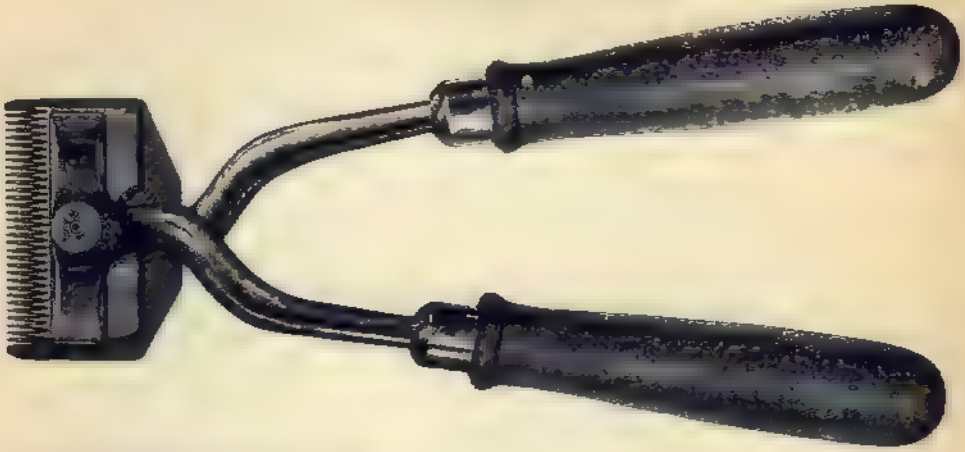
Cut showing $\frac{7}{8}$ inch "Corrugated" Crook.

No. 6410.	First Quality Filled Gold Head, "Corrugated" Crook, $\frac{7}{8}$ inch	$31 50
No. 6411	Second " " " " " " $\frac{7}{8}$ "	25.00

Horse Clippers.

"O K"

Fig. 5411

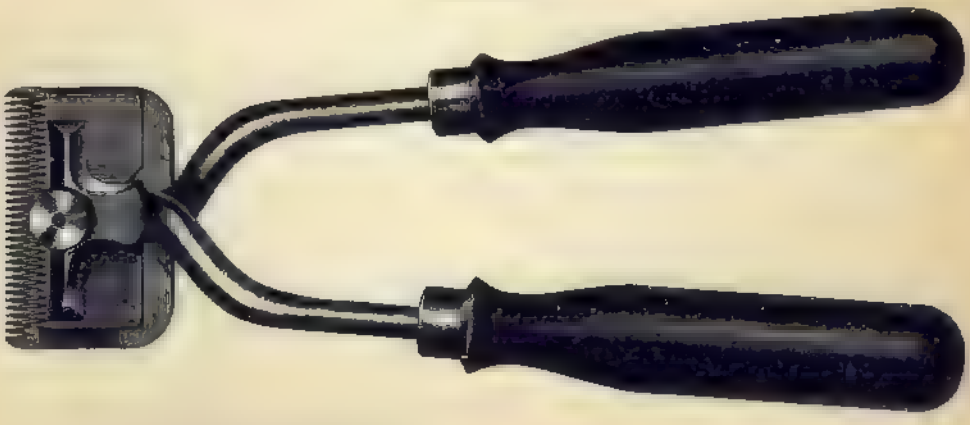


No. 62. O.K., Nickel-plated, Maple Handles, - - - - - each, $3 25

One in a Box

LENOX

Fig. 5412



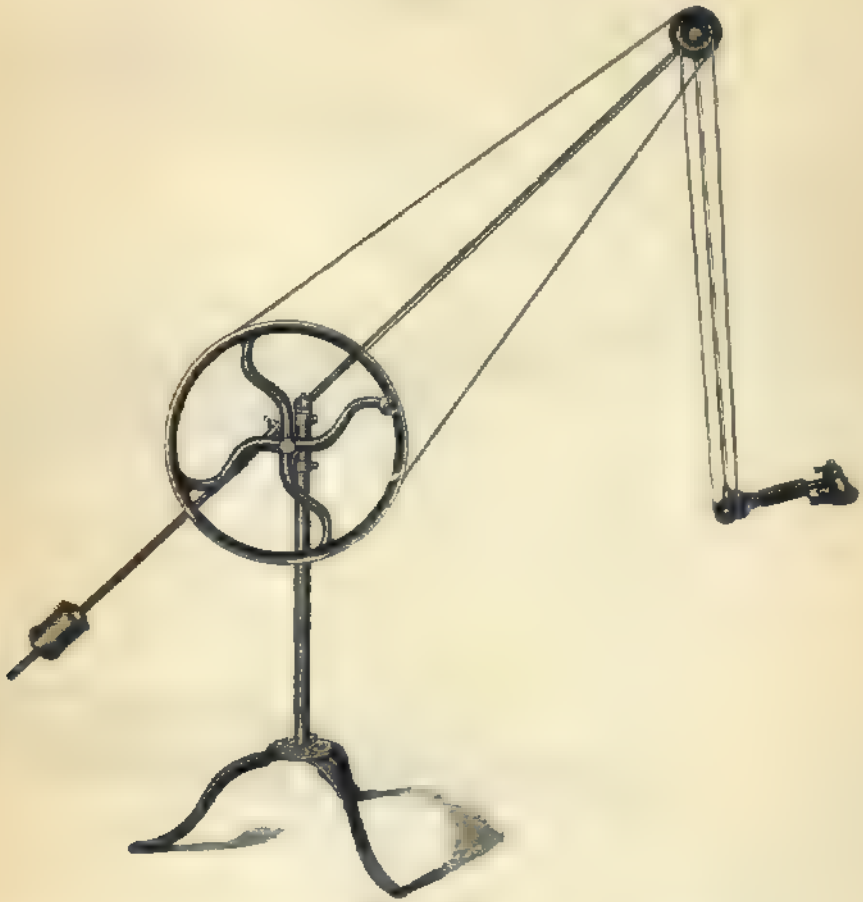
No. 75, Lenox, Plain Polished, Ebonized Handles, - - - - - each, $2 50

One in a Box

Power Horse Clipping Machines.

AMERICAN SHEARER MAN'F'G CO'S

Fig. 5[illegible]



With Drop Rod

New No. 3 Power Horse Clipping Machine, with Drop Rod, Complete with No. 1 Vibrating or No. 2 Rotary Handle. - - - - - - - each, $30 00

In the construction of this machine especial attention has been given to strength and durability, combined with the elimination of all unnecessary weight.

In practical tests it has more than succeeded the expectations of the designers, and for a light-running, durable machine it has no equal.

It may be used with the small Rotary or Vibrating Handle, as shown on page 1250, for Drop Rod Machines.

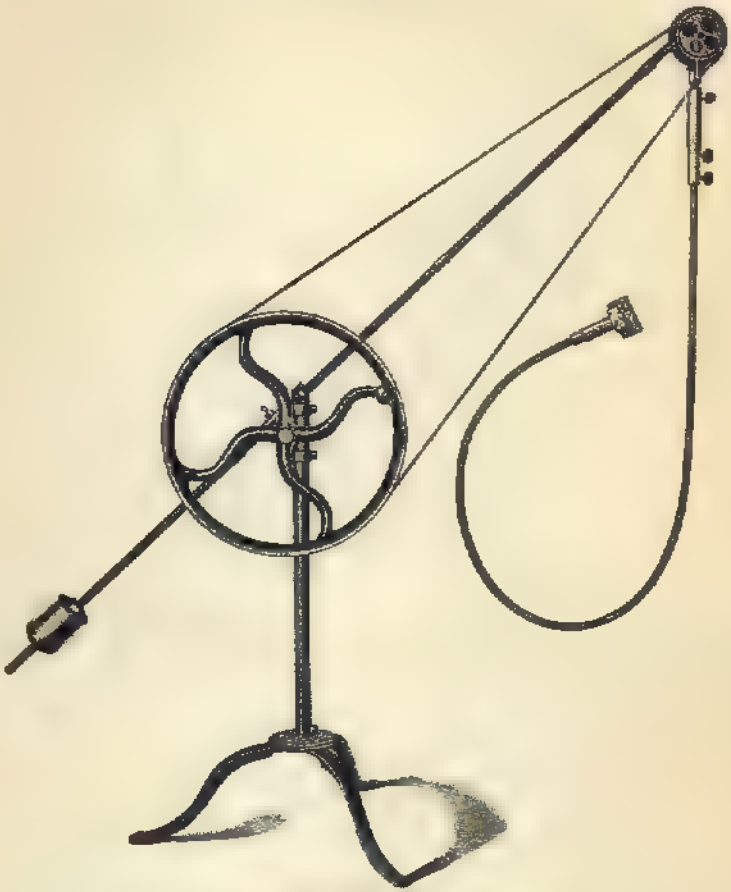
Full directions for setting up and operating accompany each machine. Weight of Machine, boxed, ready for shipment, 86 pounds.

In ordering, state kind of Handle wanted.

Power Horse Clipping Machines.

AMERICAN SHEARER MAN'F'G CO'S.

Fig 5414.



With Flexible Shaft.

New No. 3 Power Horse Clipping Machine, with seven-foot flexible shaft, Complete, with No. 3 Vibrating or No. 4 Rotary Handles, - - - - - - each, $35 00

This machine differs from the one shown on page 1248 only in having a flexible shaft in place of the drop rod.

Full directions for setting up and operating accompany each machine.

Weight of machine, boxed, ready for shipment, 86 pounds.

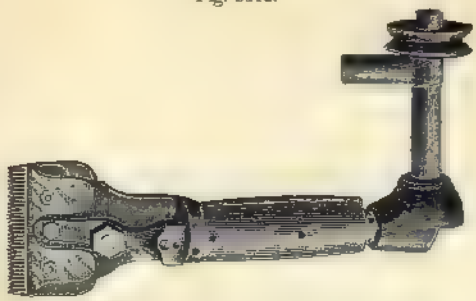
For illustrations of Handles, see page 1250. In ordering, state kind of Handle wanted

Handles for Power Clipping Machines.

FOR DROP ROD

VIBRATING.

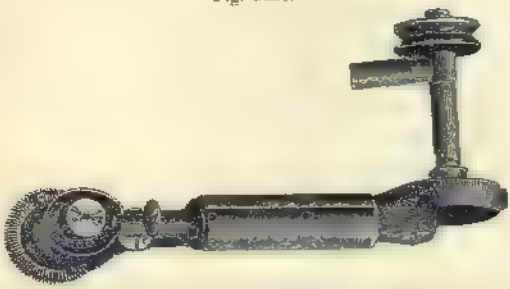
Fig. 5415.



No 1, Complete with one 3-inch Cutting Head, - - - - - - each, $20 00

ROTARY

Fig. 5416.



No. 2, Cuts on 2-inch Circle, 3 000 cuts per minute, Complete with 1 Comb and 2 Cutters. each, $20 00

FOR FLEXIBLE SHAFT.

VIBRATING.

Fig. 5417.

ROTARY.

Fig. 5418.

Vibrating

No. 3, Complete with one 3-inch Cutting Head. - - - - - each, $15 00

Rotary

No 4 Cuts on 3-inch Circle, 3000 cuts per minute. Complete with 1 Comb and 2 Cutters, - each, $20 00

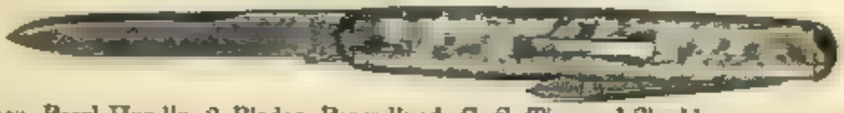
Pocket Knives.

JOS. RODGERS & SONS'.

Fig. 4972.

No. 24374P, 2¼ inches, Pearl Handle, 2 Blades, French Nail, Brass lined, G. S. Shield, - per dozen, $20 90

Fig. 4973.



No. 21722P, 2¾ inches, Pearl Handle, 2 Blades, Brass lined, G. S. Tips and Shield, - per dozen, $21 55

Fig. 4974.

No. 24787St,	3 inches,	Stag	Handle,	2	Blades,	Brass lined,	G. S. Tips,	-	per dozen,	$13 05
24787P,	3 "	Pearl	"	2	"	"	"	- -	"	16 95

Fig. 4975.

No. 21797St,	3¼ inches,	Stag	Handle,	2	Blades,	Brass lined,		- -	per dozen,	$7 95
21797GB,	3¼ "	Gray Buffalo	"	2	"	"		- - -	"	7 95
21797I,	3¼ "	Ivory	"	2	"	"		-	"	7 95
21793P,	3¼ "	Pearl	"	2	"	"		- - -	"	14 00

Fig. 4976.

No. 24482¼P, 2½ inches, Pearl Handle, 3 Blades, Brass lined, - - - per dozen, $19 90

Fig. 4977

No. 24782P 3 inches, Pearl Handle, 3 Blades, Brass lined, G S Bolsters, per dozen, $21 35

Fig 4978

No. 24456I,	3¼ inches	Ivory	Handle,	3	Blades,	Brass lined,	G S Bolsters,	-	per dozen,	$18 45
24457P,	3¼ "	Pearl	"	3	"	"	"	- -	"	21 55
24456St,	3¼ "	Stag	"	3	"	"	"	-	"	16 45

All above Pocket Knives, One half Dozen in a Box.

Pocket Knives.

JOS. RODGERS & SONS'.

Fig. 4979.

No. 21747P, 3½ inches, Pearl Handle, 3 Blades, Brass lined, G. S. Shield, - - - per dozen, $33 65
21747S, 3½ " Shell " 3 " " " - - - " 33 65
21747St, 3½ " Stag " 3 " " " - - - " 28 10

Fig. 4980

No. 21860L, 3½ inches, Ivory Handle, 3 Blades, Brass lined, - - - per dozen, $12 50
21860P, 3½ " Pearl " 3 " " - - - " 17 95
21860St, 3½ " Stag " 3 " " - - - " 12 50

Fig. 4981

No. 21749P, 3½ inches, Pearl Handle, 3 Blades, Brass lined, Sterling Silver Tips, G. S. Shield, per dozen, $32 35

Fig. 4982

No. 20008P, 3 inches, Pearl Handle, 3 Blades, Brass lined, - - per dozen, $29 40

Fig. 4983.

No. 24512P, 3½ inches, Pearl Handle, 3 Blades, Brass lined, G. S. Boosters and Scales, - per dozen, $26 45
24513S, 3½ " Shell " 3 " " " " - " 26 45

Fig. 4984.

No. 21751P, 3½ inches, Pearl Handle, 3 Blades, Brass lined, G. S. Tips and Shield, per dozen, $30 40
21751S, 3½ " Shell " 3 " " " " - " 30 40
21750St, 3½ " Stag " 3 " " " " - " 23 75

All above Pocket Knives, One-half Dozen in a Box.

Pocket Knives.

JOS. RODGERS & SONS'

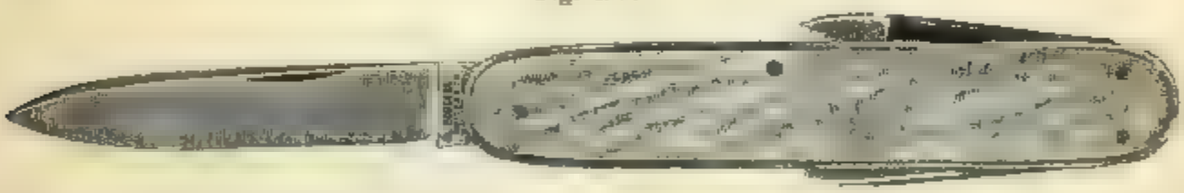
Fig. 4985

No. 24780P. 2 inches, Pearl Handle, 2 Blades and French Nail File, Brass lined, G. S. Shield, per dozen, $28 10

Fig. 4986.

No. 239 8P. 3 inches, Pearl Handle, 3 Blades, Brass lined, - - - per dozen, $38 55
239 15½P. 3½ " " " 3 " " - - - " 39 85

Fig. 4987



No. 22870P, 4 inches, Pearl Handle, 3 Blades, Brass lined, - - - - per dozen, $42 50
24870P, 3½ " " " 3 " " 40 55

Fig. 4988

No. 24413P. 3 inches, Pearl Handle, 4 Blades, Brass lined, G. S. Shield, - per dozen, $21 35
24413S, 3 " Shell " 4 " " " " - - " 21 35
24410St. 3 " Stag " 4 " " " - - " 18 90

Fig. 4989

No. 22455J 3 inches, Ivory Handle, 4 Blades, Brass lined, G. S. Boosters, - - per dozen, $17 30
22455P, 3 " Pearl " 4 " " " " " 19 90
22455St. 3 " Stag " 4 " " " " - - " 17 30

Fig. 4990.

No. 2 700P, 3½ inches, Pearl Handle, 4 Blades, Brass lined, G. S. Boosters, - per dozen, $22 85
21700S, 3½ " Shell " 4 " " " " - - " 22 85
21701St, 3½ " Stag " 4 " " " " - - " 17 95

All above Pocket Knives, One-half Dozen in a Box.

Pocket Knives.

JOS. RODGERS & SONS.

Fig. 4991

No. 12553P, 3½ inches, Pearl Handle, 4 Blades, Brass lined, Steel Bolsters, per dozen, $19 00
22445I, 3¼ " Ivory " 4 " Steel lined and Bolsters, " 14 00
22446St, 3¼ " Stag " 4 " " " " 14 00

Fig. 4992

No. 24614St, 4¼ inches, Stag Handle, 4 Blades, Steel lined and Bolsters, per dozen, $17 60

Fig. 4993

No. 9895P, 3¼ inches, Pearl Handle, 4 Blades, Brass lined, per dozen, $20 15
9895St, 3¼ " Stag " 4 " " " " 21 20

Fig. 4994

No. 106 4St, 3¼ inches, Stag Handle, 4 Blades, Brass lined, Steel Bolsters, per dozen, $32 00

All above Pocket Knives, One-half Dozen in a Box

Fig. 4995

No. 24768P, 3 inches, Pearl Handle, 4 Blades, Sterling Silver lined, Bolsters and Shield, per dozen, $54 30
24768S, 3 " Shell " 4 " " " " " 54 30
24768½P, 3½ " Pearl " 4 " " " " " 56 80

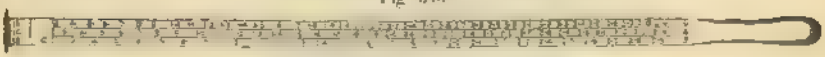
Fig. 4996

No. 24856, 3½ inches, Pearl Handle, 4 Blades, Sterling Silver lined, Bolsters and Shield, per dozen, $101 45

Figs. 4995 and 4996, One-twelfth Dozen in a Box

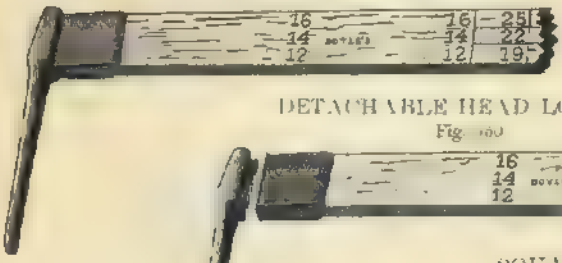
Lufkin's Board and Log Rules.

THREE-TIER BOARD RULE.
Fig. 546



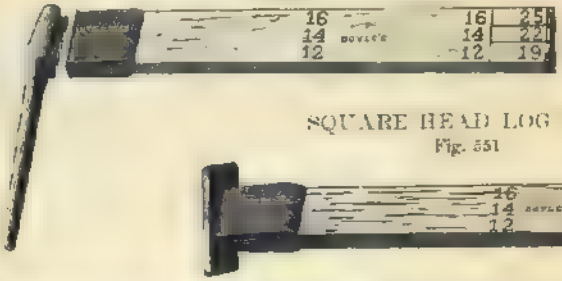
FOUR-TIER BOARD RULE.
Fig. 547

SOLID HOOK HEAD LOG RULE.
Fig. 548.



Diamond Head for Board Rules.
Fig. 549.

DETACHABLE HEAD LOG RULE.
Fig. 550

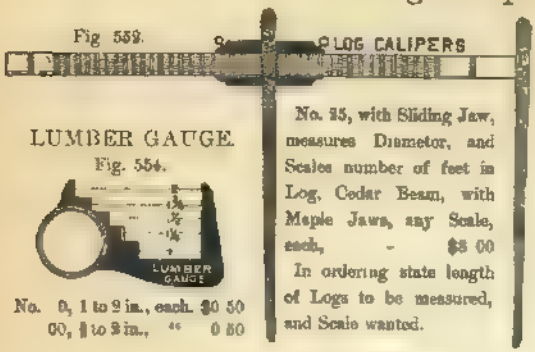


SQUARE HEAD LOG RULE.
Fig. 551

| | | |

Log Calipers.

Fig. 552.



No. 35, with Sliding Jaw, measures Diameter, and Scales number of feet in Log, Cedar Beam, with Maple Jaws, any Scale, each, - $3 00

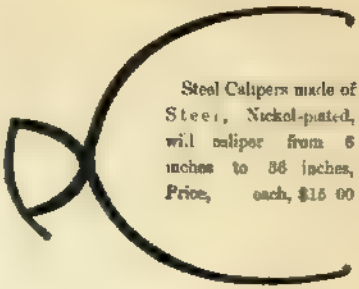
In ordering state length of Logs to be measured, and Scale wanted.

LUMBER GAUGE.

Fig. 554.

No. 0, 1 to 2 in., each. $0 50
00, ½ to 2 in., " 0 50

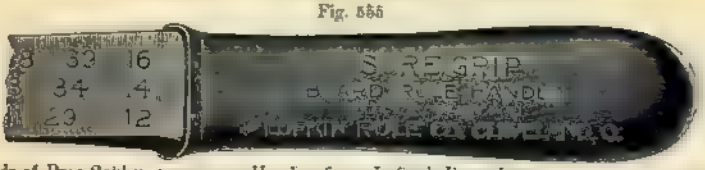
Fig. 553.



Steel Calipers made of Steel, Nickel-plated, will caliper from 6 inches to 36 inches, Price, each, $15 00

Lufkin's Board Rule Handle.

Fig. 555



Sure Grip, made of Pure Rubber, to slip over Handle of any Lufkin's Board Rule, - per dozen, $3 00

Lufkin's Boot Calks and Loggers' Spurs.

BOOT CALKS.

Fig. 556.

LOGGERS' SPURS.

Fig. 557.

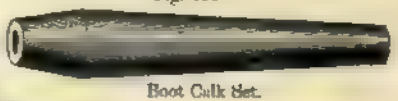
Cuts ½ size. Cuts ½ size.

	Small Ball.	Medium Ball.	Large Ball	Smal Heel	Large Heel.
Boot Calks, Per 1,000,	$2 60	$2 80	$3 00	$3 50	$3 50
Inches,	½	¾	1	1¼	1½
Loggers' Spurs, Per 1,000,	$2 60	$2 75	$3 20	$3 60	$4 00	$4 40

LUFKIN'S BOOT CALK SETS AND PUNCHES.

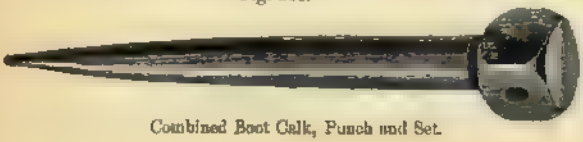
Fig. 558.

To set all sizes of Boot Calks and Loggers' Spurs, per doz., $2 00



Boot Calk Set.

Fig. 559.



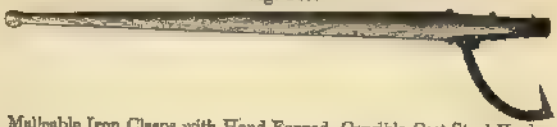
Combined Boot Calk, Punch and Set.

To Punch for and Set all Sizes of Boot Calks and Loggers' Spurs, per doz., $2 50

Log and Lumber Tools.

MILL CANT HOOK.

Fig. 560.



Malleable Iron Clasps with Hand Forged, Crucible Cast Steel Hooks.

No. 115, Mill Cant Hook, with Second-Growth White Ash Handle, 4 feet in length,	per dozen,	$18 00
116, " " " " " " 4½ " "	"	18 00
117, " " " " " " 5 " "	"	18 00
118, " " " " " " 5½ " "	"	18 00
119, Extra Irons for Mill Cant Hooks,	"	12 00
Extra Handles for Mill Cant Hooks, No. 120, 4 ft.; No. 121, 4½ ft.; No. 122, 5 ft.; No. 123, 5½ ft.,	"	6 00

PEAVY HOOK.

Fig. 561.

Malleable Iron Clasps with Hand Forged, Crucible Cast Steel Hooks and Spears.

No. 124, Peavy Hook, with Maple Handle, 5 feet in length,	per dozen,	$24 00
125, " " " 5½ " "	"	24 00
126, " " " 6 " "	"	24 00
127, Extra Irons for Peavy Hooks,	"	17 00
Extra Handles for Peavy Hooks, No. 128, 5 feet, No. 129, 5½ feet, No. 130, 6 feet,	"	6 00

TIMBER GRAPPLE AND CARRIER.

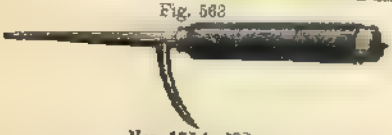
Fig. 562.

A useful Tool for Lumber Dealers, Builders and Contractors.

No. 131, Timber Grapple and Carrier, with Second-Growth White Ash Handle, 4 feet in length, Swivel Clasp,	per dozen,	$30 00

PIKE POLES.

Fig. 563



Nos. 135 to 138.

Tool Steel Hook and Spear, Second-Growth White Ash Handle.

No. 135, Pike Pole, 12-foot Handle,	per dozen,	$17 00
136, " 14 " " "	"	19 00
137, " 16 " " "	"	21 00
138, " 18 " " "	"	33 00
139, Extra Irons, for Nos. 135 to 138,	"	12 00

Fig. 564.

Nos. 144 to 147.

Tool Steel Spear only, Second-Growth White Ash Handle.

No. 144, Pike Pole, 12-foot Handle,	per dozen,	$16 00
145, " 14 " " "	"	18 00
146, " 16 " " "	"	20 00
147, " 18 " " "	"	22 00
148, Extra Irons for Nos. 144 to 147	"	11 00

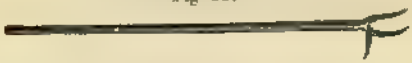
Extra Handles for Pike Poles, Either Kind.

Numbers.	140	141	142	143
Length, Feet,	12	14	16	18
Per Dozen,	$6 00	$9 00	$12 00	$15 00

Log and Lumber Tools.

LUMBER FORKS

Fig 565.



With Two Tines, and Prong on Back, for Piling Lumber.

No. 146. Lumber Fork, with White Ash Handle, 6 feet in Length, - - per dozen $18 00

SKIDDING TONGS

Fig 566.

No. 155. Skidding Tongs, made from 1 inch Octagon Tool Steel, with Swivel Hook, - each, $5 50
156, " " 1¼ " " " " " - " 6 00

SIDE LUMBER ROLLER

Fig 567.

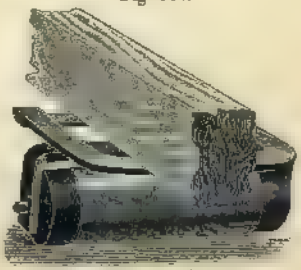
Fastens in Car Door, for Loading and Unloading Lumber from Cars, Swivel Rollers.

No. 152, Whole Length, Closed, 4 feet, Opened, 5 feet, - - - - - each, $6 00
153, " " 4½ " " 5½ " - - - - - " 6 00

HORSESHOE TIMBER ROLLER.

Fig 568.

Fig 569.

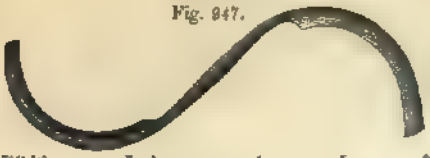


Can be used as a Roller or a Dolly, for Handling Long or Heavy Timber or Iron

No. 154, Roller, 12 inches long, 4 inches diameter, - - - - - each, $3 00

Moulders' Tools.

BEAD.
Fig. 947.



Width, Inches,	1/4	5/16	3/8
Per Dozen,	$5 40	6 00	6 60

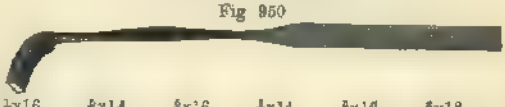
YANKEE SLICK.
Fig. 948.

Width, Inches,	3/8	5/8	3/4	1
Per Dozen,	$5 40	6 00	6 60	7 80

LIFTER.
Fig. 949

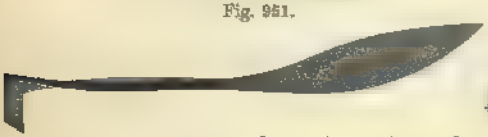
Length,	Inches,	10	12	14	16	18	20
Width, Inches, 1/4,	Per Dozen,	$4 20	4 80	5 40	5 00	.	
" " 3/8,	"	4 20	4 80	5 40	6 00	....	
" " 1/2,	"	4 80	5 40	6 00	6 60	..	
" " 5/8,	"	5 40	6 00	6 60	7 20	7 80	
" " 3/4,	"	....	6 60	7 20	7 80	8 40	.
" " 7/8,	"	....	7 20	7 80	8 40	9 00	9 60
" " 1,	"	...	...	9 00	9 60	10 20	10 80

FLANGE LIFTER.
Fig 950



Inches,	1/2x14	1/2x16	5/8x14	5/8x16	3/4x14	3/4x16	7/8x18	1x16	1x18	1x20
Per Dozen,	$10 80	11 40	11 40	12 00	12 00	12 60	13 20	15 00	15 00	16 20

BENCH LIFTER.
Fig. 951.



Width, Inches,	1/4	3/8	1/2	5/8
Per Dozen,	$4 80	5 40	6 00	6 60

FLAT AND CIRCULAR FLANGE.
Fig. 952

Width, Inches,	3/8	1/2	5/8	1
Per Dozen,	$9 60	10 80	12 00	14 40

CIRCULAR FLANGE.
Fig. 953.

Width, Inches,	3/8	1/2	5/8	1
Per Dozen	$9 60	10 80	12 00	14 40

CIRCULAR FLANGE AND BEAD.
Fig. 954.

Width, Inches,	3/8	1/2	5/8	1
Per Dozen,	$8 40	9 60	10 80	13 20

FLAT FLANGE.
Fig 955.

Width, Inches,	3/8	1/2	5/8	1
Per Doz.,	$9 60	10 80	12 00	14 40

HUB LIFTER
Fig. 956.

Inches,	1/2x12	14	16	5/8x14	16	18	1x16	18	20
Per Doz.,	$6 00	6 60	7 20	7 80	8 40	9 00	9 60	10 20	10 80

Trowels.

CORNER.

Fig. 957.

Length,	Inches,	8
American Corner,	Per Dozen,	$7 00

POINTING.

Fig. 958.

Length,	Inches,	5	5½
Disston's Pointing,	Per Dozen,	$4 75	5 00
Handy "	"	3 00	...

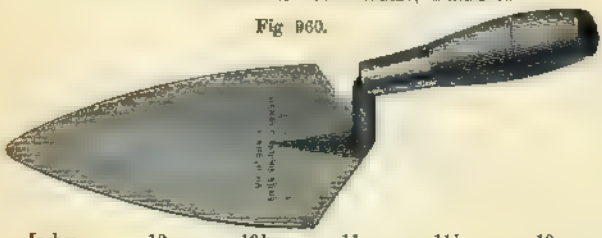
LONDON PATTERN, BRICK.

Fig. 959.

Length,	Inches,	8	9	9½	10	10½	11	11½	12	12½	13	13½	14
Brades',	Per Dozen, $		10 00	10 50	11 00	11 50	12 00	12 50	13 00	13 50	14 00	14 50	15 00
American,	"	.	7 00	7 25	7 50	7 75	8 00	8 25	8 50	.			.
Handy,	"	5 25	5 50	6 00	....	.	. .		.	. .	.		

PHILADELPHIA PATTERN, BRICK.

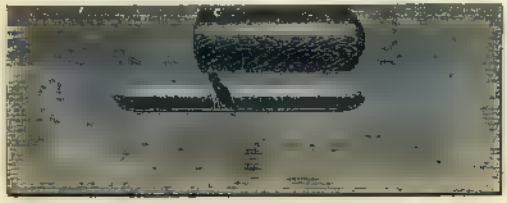
Fig 960.



Length, -	Inches,	10	10½	11	11½	12	12½	13
Rose's, - -	Per Dozen,	$13 25	13 75	14 25	14 75	15 25	15 75	16 25

PLASTERING.

Fig. 961.



Length, - - - -	Inches,	10	10½	11	11½	12
No. 1, Disston's, Extra Cast Steel, Screw Handle,	Per Dozen,	$13 75	13 75	15 25	16 75	18 50
2, " " Drive "	"	12 25	12 25	13 50	14 50	15 75
4, Woodrough & McParlin's Extra Cast Steel,	"	.	12 50	13 00	13 50	14 00

All above Trowels, One-half Dozen in a Box.

File Cleaners.

Fig. 928.

No. 1, Common File Card, - - - - - - per dozen, $2 00

Fig. 929

No. 2, Nicholson's File Card, with Scorer, - - - - per dozen, $4 00

Fig. 930

No 3, Nicholson's File Card, with Brush and Scorer, - - - - per dozen, $6 00

Fig. 931.

No. 4, File Carding, Leather Back, Width 1½ inches, in Rolls of 25 Feet, per foot, $0 30

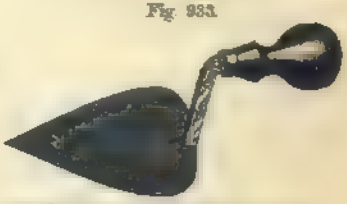
Moulders' Tools.

SQUARE TROWEL.

Fig. 932.

HEART TROWEL.

Fig. 933.



FINISHING TROWEL, No. 1.

Fig. 934.

FINISHING TROWEL, No. 2

Fig. 935.

Square Trowels.

Length,	Inches,	4	4½	5	5½	6
Width 1 in.,	Per Doz.,	$5 40	6 00	6 60	7 20	7 80
" 1¼ "	"	5 40	6 00	6 60	7 20	7 80
" 1½ "	"	6 60	7 20	7 80	8 40	9 00
" 1¾ "	"	....	....	9 00	9 60	10 20
" 2 "	"			10 20	10 80	11 40

Heart Trowels.

Width, Inches,	2	2½	2¾	3
Per Dozen,	$6 00	7 50	9 00	12 00

Finishing Trowels, Nos. 1 and 2

Length,	Inches,	5	5½	6
Width, 1¼ inch,	Per Dozen,	$6 60	7 20	7 80
" 1½ "	"	7 80	8 40	9 00

Moulders' Tools.

HEART AND SQUARE.

Fig. 936.

Width, Inches,	¾	1	1¼	1½	1¾	2
Per Doz	$4 80	5 40	6 60	7 80	9 00	10 20

TAPER AND SQUARE.

Fig. 937.

Width, Inches,	¾	1	1¼	1½
Per Dozen,	$4 80	5 40	6 60	7 80

SQUARE STRAIGHT

Fig. 938.

Width, Inches,	½	¾	⅞	1
Per Dozen,	$5 40	6 00	6 60	7 80

DOUBLE SQUARE.

Fig. 939

Width, Inches,	½	⅝	¾	1
Per Dozen,	$5 40	6 00	6 60	7 80

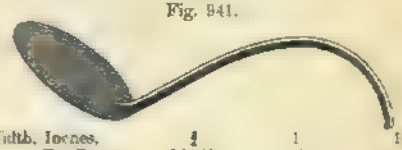
STOVE TOOL.

Fig. 940

Width, Inches.	⅝	¾	⅞	1	1
Per Dozen,	$4 80	5 40	6 00	6 60	7 80

OVAL DOG TAIL.

Fig. 941.



Width, Inches,	¾	1	1¼
Per Dozen,	$6 00	6 75	8 25

FLUTE.

Fig. 942.

Width, Inches,	¾	⅞	1
Per Dozen,	$6 00	7 20	8 40

SPOON, No. 1.

Fig. 943.

Width, Inches,	1	1¼	1½
Per Dozen,	$5 40	6 60	7 80

SQUARE CORNER SLICK.

Fig. 944.

PIPE SLICK

Fig. 945.

HALF ROUND CORNER SLICK.

Fig. 946.

Square Corner Slicks, Width, Inches, 2, 2½ or 3,	per dozen, $6 00
Half Round Corner Slicks, Width, Inches, 1, 1¼, 1½ or 2,	" 6 00
Pipe Slicks,	" 4 80

OUR "P. P." STATIONERY CABINET.

No. 240. Glass top.....each, $2 85

No 736 Lumber.

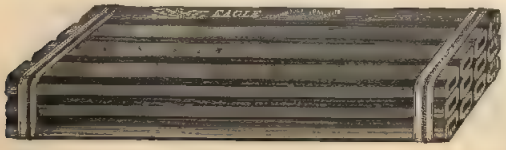
No. 1. Marking.

CARPENTER'S PENCILS.

No. 430. Eagle Carpenter Pencils, whitewood oval, with rule measure colored stamp, 7 inches, ½ gross in box. ..... per gross, $1 50

No. 756. Hexagon lumber crayon, enameled surface, all lead, per gross $6 00

No. 1 Acme marking crayon water proof, for marking cases or packages, 1 dozen in package per gross $2 75



No. 457. Eagle, best cedar, flat octagon, natural, polished, gilt, ½ gross in box, 7 inches ..... per gross, $2 70
No. 458. Same as above, 9 inches ..... " 3 50

CARPENTER PENCILS.

FABER.

No 507.	7	inch, whitewood	per gross,	$1 45
No 509.	9	"	"	1 70
No 557	7	" cedar	"	1 80
No 559	9	"	"	2 20
No 557	7	" whitewood, red polished	"	1 80
No. 557.	7	" octagon, natural	"	2 70
No 559	9	" " "	"	3 50
No 748	7	" mottled finish, gilt stamped,	"	3 25
No 749	9	" " " "	"	4 25

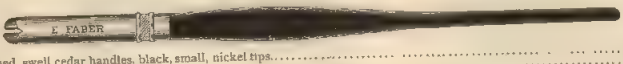
PENHOLDERS.

No. 57. Swell maple handles, bronzed accomodation, extra long ... per gross, $0 75
" 471. Straight pine " " " ... "

No. 2190. Swell, polished cedar handles, small, black tip ... per gross, $1 50
" 2191. " " " " medium, " " ... " 1 40
" 2592. " " " " large, " " ...

No. 2564. Straight, cedar handles, spatula, large black tips ... per gross $1 15

No. 1855 Japanned, straight cedar handles, black, large, nickel tips ... per gross, $1 90
" 1856 " " " " red, " " ... " 1 90



No. 1674. Japanned, swell cedar handles, black, small, nickel tips ... per gross, $2 20
" 1677. " " " " red, " " ... " 2 20

No. 1778 Japanned swell cedar handles, red, medium, nickel tips ... per gross, $2 25
" 1779. " " " " black, " " ... " 2 25

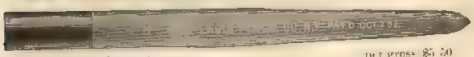
No. 1876. Japanned swell cedar handles, black, large, nickel tips ... per gross, $2 45
" 1879. " " " " red ... " 2 45

EAGLE CO.'S CROWN.

No. 1. Small ... per gross, $4 50

No. 2. Medium ... per gross $5 00

No. 3. Large ... per gross $5 50



No. 4. Extra large stub ... per gross $5 50

No. 800. Era, glass finish, large ... per gross, $7 20

No. 400. Tortoise, glass finish, large ... per gross, $7 20

Oblique penholders, for card writers and fancy penmen, black japanned, reversible, brass pen tip ... per gross, $3 60

LEAD PENCILS.

Triangular, grades Nos. 2 and 3, polished ..... per gross, $4 80

Eagle hexagon gold Pencils, No. 2½ ... . per gross, $5 00

EAGLE COPYING PENCILS.

No. 811 Eagle Copying Pencil.....per gross, $9 60

PROGRAM PENCILS.

No. 616 Program or ball pencils, 3 inches long, polished in 6 fancy colors, with gilt tip and rings.....per gross, $2 00

RED AND BLUE CRAYONS.

No. 755.	Eagle's best colored crayons, polished cedar, blue	per gross,	$3 75
" 756.	Red	"	3 75
" 768.	Blue, white wood, blue polished, gilt stamp	"	4 25
" 764.	Eagle, red, white wood, red polished, gilt stamp	"	4 25

No. 1791.	Eagle, blue, blue polished, gilt stamp, hexagon	per gross,	$5 00
" 1792.	" red, red " " " "	"	5 00
" 625.	Faber's Star, blue " " " round	"	5 50
" 626.	" " red " " " "	"	5 50
Eagle 9 inch, red and blue, red polish, gold stamp, hexagon		"	2 50

These Pencils are guaranteed equal to the A. W. Faber pencils, and as we can sell them to you at a considerably lower price, we shall send them in all cases when the A. W. Faber is not specified.

Manufactured by Johann Faber, a descendant of A. W. Faber, and for thirty-five years the manufacturing partner of the A. W. Faber house. The goods are equal to the original line in all respects where they do not excel, are more handsome and modern in finish, and can be supplied at a lower price to the trade.

ROUND.

Black polished, gold stamped, in packages of 1 dozen, and 12 dozen in handsome box.

		Grade.	Per Gross.
No. 100.	Very soft and black	1	$4 25
" 100.	Soft and black	2	4 25
" 100.	Hard	3	4 25
" 100.	Harder	4	4 25

HEXAGON.

Red polished, gold stamped, in packages of 1 dozen, and 12 dozen in handsome box.

		Grade.	Per Gross.
No. 101.	Very soft and black	1	$5 70
" 10..	Soft and black	2	5 70
" 101.	Hard	3	5 70
" 101.	Harder	4	5 70
" 101.	Very hard	5	5 70

COLORED PENCILS.

School Crayons in Boxes.

No. 797. Boxes of 6 colors....per gross boxes, $8 00

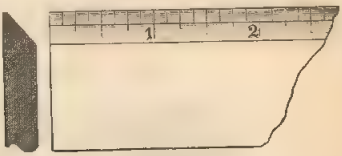
READ THE PREFACE BEFORE ORDERING.

LEAD PENCIL ASSORTMENT.

No. 5. Assorted..... ....per box, $1 45

No. 70. Assorted, desk shape, a very handsome box, covered imitation alligator.... . .. . per box, $2 00

No. 128. Eagle assortment .... per box, $1 45



RULERS.

No 35.	Maple, plain edge,			12 inch....		per doz..	$0 27
" 35.	"	"	"	15 "	.....	"	35
" 35.	"	"	"	18 "	.....	"	40
" 35.	"	brass	"	12 "	.. ..	"	50
" 35.	"	"	"	15 "	.. . .	"	65
" 35.	"	"	"	18 "	. .	"	75
" 37.	"	"	"	rubber back, 15 inch,		"	1 50
" 2 27	Common School Ruler, 12 inch...					per gross,	75

Hard rubber, flexible

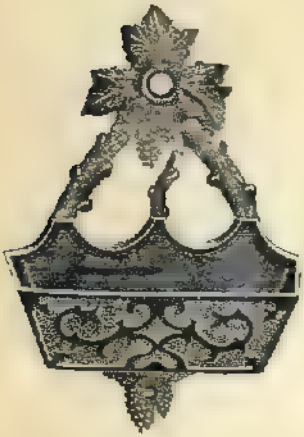
Inches,	10	12	14	16	18
Per dozen,	$2 50	$3 00	$3 60	$4 50	$5 20

READ THE PREFACE BEFORE ORDERING.

Match Safes.

ORNAMENTAL.

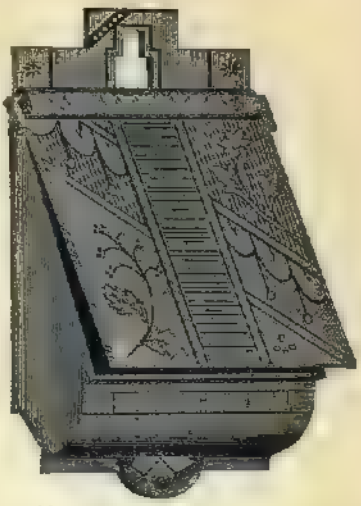
Fig. 4715



No. 1002, Maroon Finish, - - per dozen, $0 85

One Dozen in a Box.

Fig. 4716



No. 976, Maroon Finish, - per dozen, $2 30

One-half Dozen in a Box.

Fig. 4717.

No. 1192, The Economical, Maroon Finish, only one match can be taken at a time, - per dozen, $2 50

One half Dozen in a Box.

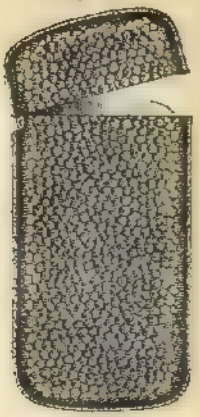
Pocket Match Safes.

Fig. 4697

No. 1

Fig. 4698

Fig. 4699



No. 27

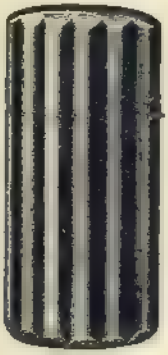
No.	Nickel-plated, Oval Pattern,	per dozen, $2 [illegible]
5,	Assorted Nickel and Gold Plated	2 [illegible]
27,	Gold Finish. Assorted Patterns.	2 50

One Dozen in a Box

Fig. 4700.

No. 045

Fig. 4701.



No. 055

Fig. 4702

No. [illegible]

Fig. 4703

No. [illegible]

No. 045.	Plain, Silver-plated on Nickel Silver, Silver Soldered,	each, $1 25
055.	Fluted, " " " "	2 00
091	Fancy " " " "	1 75
099,	" " " " "	2 00

One in a Box.

Match Safes.

Fig. 4704.

Nos. 01 and 02

Fig. 4705.

No. 04.

Fig. 4706.

No. 1

Fig. 4707.

No. 03.

Fig. 4708.

No. 05

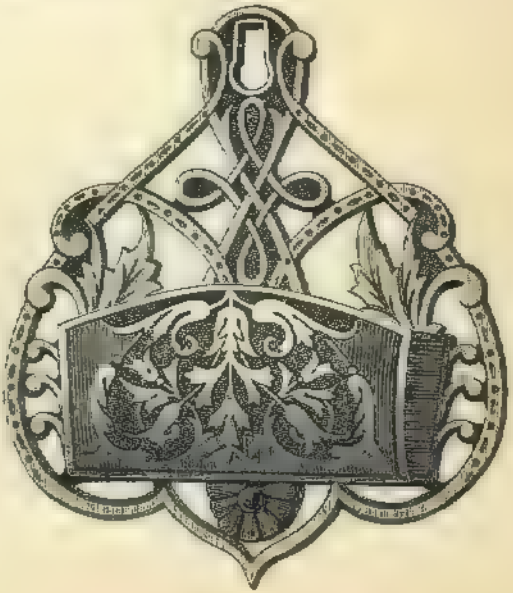
No. 1,	3¼x2½x1½	inches,	Japanned Iron,	Self-Closing,	per dozen,	$ 2 60
01,	3 x2 x1¼	"	" Tin,	"	per gross,	13 75
02,	3¼x2½x1¼	"	" "	"	"	15 00
05,	4½x2 x1⅝	"	" "	"	"	20 00
04,	4⅛x2¼	"	" "	Round,	"	25 00
0 ,	4¼x5	"	" "	Twin,	"	15 00

One Dozen in a Package.

Fig. 4709.

No. 6

Fig. 4710.



No. 170.

No. 6,	4x2	inches,	1¾ inch Deep,	Adamantine Bronzed, Self-Closing,	per dozen, $3 60
170,	6x5½	"	Enameled,		" 1 95

No. 6, One-third Dozen in a Box; No. 170, One-half Dozen in a Box.

Match Safes.

Fig 4711

Fig 4719.

Cuts ½ Size

No. 4, Adamantine Bronzed, - per dozen, $3 50 No. 30, Adamantine Bronzed, - per dozen, $3 00

Fig 4713.

Fig. 4714

Cuts ½ Size.

No. 50, Adamantine Bronzed and Gilt, per dozen, $5 00 | No. 1136, Maroon Finish, - per dozen, $2 70
1138, Dark Antique Finish, " 3 15

Glass Oil Cups.

PLAIN

Fig. 2371

PIONEER, SLIDE TOP.

Fig. 2372.

VICTOR, INDEX

Fig. 2373.

All with Polished Brass Trimmings.

Plain

	Nos.	000	00	0	1	1½	2	3	4	5	6
	Each,	$0 70	0 75	0 80	1 00	1 25	1 50	1 90	3 40	3 10	4 00
Capacity,	Ounces,	¼	½	¾	1	1½	2½	4	5	10	18
Size of Pipe Thread,	Inches,	¼	¼	¼	¼	¼	⅜	⅜	⅜	½	½

Pioneer, Slide Top.

	Nos.	00	00	0	1	1½	2	3	4	5	6
	Each,	$0 70	0 75	0 80	1 00	1 25	1 50	1 90	2 40	3 10	4 00
Capacity,	Ounces,	¼	½	¾	1	1½	2½	4	5	10	18
Size of Pipe Thread,	Inches,	¼	¼	¼	¼	¼	⅜	⅜	⅜	½	½

Victor, Index, with Lever.

	Nos.	0	1	1½	2	3	4	5	6
	Each,	$1 00	1 20	1 45	1 75	2 15	2 70	3 40	4 20
Capacity,	Ounces,	½	1	1½	2½	4	5	10	18
Size of Pipe Thread,	Inches,	¼	¼	¼	⅜	⅜	⅜	½	½

Extra Glasses.

For Plain, Pioneer and Victor Oil Cups.

	Nos.	000	00	0	1	1½	2	3	4	5	6
	Each, Net,	$0 05	0 06	0 08	0 10	0 10	0 12	0 15	0 25	0 35	0 65
Outside Diameter,	Inches,	1	1⅛	1¼	1½	1¾	2	2½	2¾	3	3½
Height,	"	¾	1	1⅛	1½	1⅝	1⅞	2⅛	2⅜	3	4

Glass Oil Cups.

Royal, Sight Feed. Fig. 2374.

Crown, Index, Sight Feed. Fig. 2375.

Automatic Rod, Screw Feed. Fig. 2376.

All with Polished Brass Trimmings.

Royal Slide Top, Sight Feed.

	Nos.	00	0	1	1½	2	3	4	5	6
	Each,	$1 10	1 25	1 50	1 75	2 10	2 55	3 15	3 90	4 80
Capacity,	Ounces,	½	¾	1	1½	2½	4	5	10	18
Size of Pipe Thread,	Inches,	⅛	⅛	¼	⅜	⅜	⅜	½	½	½

Crown, Index, Sight Feed.

	Nos.	0	1	1½	2	3	4	5	6
	Each,	$1 25	1 50	1 75	2 10	2 55	3 15	3 90	4 80
Capacity,	Ounces,	¾	1	1½	2½	4	5	10	18
Size of Pipe Thread,	Inches,	¼	¼	⅜	⅜	⅜	⅜	½	½

Automatic Rod or Crank Pin, Screw Feed.

This Cup is designed for Connecting-Rod Bearings, and feeds only while Engine is running.

	Nos.	-	-	0	1	1½	2	3	4
	Each,	-	-	$1 10	1 50	2 00	2 50	3 00	4 00
Capacity,	Ounces,	-		¾	1	1½	2½	4	5
Size of Pipe Thread,	Inches,	-	-	⅜	½	½	⅜	⅜	⅜

Extra Glasses.

For Royal, Crown and Automatic Rod Oil Cups.

	Nos.	00	0	1	1½	2	3	4	5	6
	Each, Net,	$0 06	0 08	0 10	0 10	0 12	0 15	0 25	0 35	0 65
Outside Diameter,	Inches,	1½	1½	1½	1½	2	2½	2½	3	3½
Height,	"	1	1¼	1⅜	1⅜	1½	2½	2⅝	3	4

Glass Oil Cups.

CODY'S PATENT.

Shaft Cup.
Fig. 2377

Nos. 1 to 3.

Engine Cup.
Fig. 2378.

Nos. 7 to 9

With Polished Brass Trimmings.

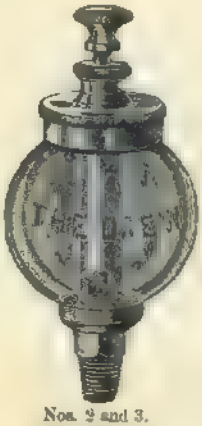
	Nos.	1	2	3	7	8	9
	Per Dozen,	$6 00	6 50	7 00	8 40	10 50	12 60
Capacity,	Ounces,	1	1½	2½	¾	1½	2½
Outside Diameter,	Inches,	1¾	2	2¼	1½	2	2½
Height over all	"	3	3½	4¼	3½	3½	4
Extra Glasses,	Each, Net.	$0 08	0 08	0 08	0 08	0 08	0 08

DREW'S PATENT

Shafting.
Fig. 2379

No. 1.
Loose Pulley

Shafting.
Fig. 2380



Nos. 2 and 3.
Globe Pattern

Engine.
Fig. 2381

Nos. 2 and 3.
Globe Pattern.

Engine.
Fig. 2382.

Nos. 4 to 5.
Straight Pattern.

With Nickel-plated Trimmings.

	Kind,	Shafting.			Globe Engine.		Straight Engine.					
	Nos.	1	2	3	2	3	0	1	2	3	4	5
	Per Dozen,	$12 00	16 00	24 00	$24 00	36 00	$12 00	21 00	36 00	48 00	54 00	150 00
Outside Diameter,	Inches,	1¾	2¼	3	2¼	3	1¼	1¾	1¾	2¼	2	3
Extra Glasses,	Per Doz. Net,	$2 00	2 40	3 60	$2 40	3 60	$2 00	2 60	4 00	4 50	6 00	18 00

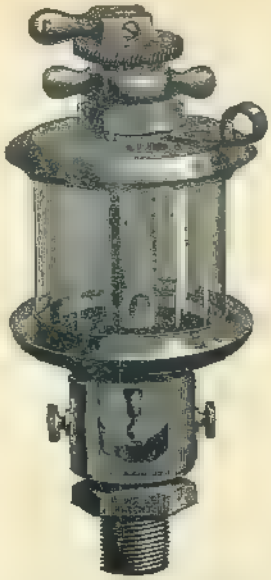
Oil and Grease Cups.

POWELL'S PATENT SIGNAL OILERS.

Fig. 2383.

Lever up, Oil dropping while Machinery runs.

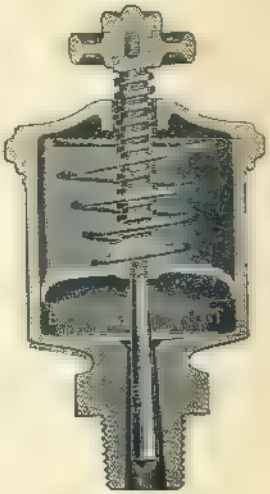
Fig. 2384.



Lever down, Flow of Oil stopped while Machinery is stopped.

AUTOMATIC GREASE CUP.

Fig. 2385.



Ballantine's Patent.

Powell's Patent Signal Oilers.

Especially adapted for Dynamos and Steam Engines.

		No.	0	1	1½	2	3	4	5	6
Polished Brass,	-	Each,	$3 00	3 25	3 50	3 75	4 25	5 25	7 25	9 25
Nickel-plated,	- -	"	3 50	3 75	4 00	4 25	4 75	5 75	8 00	10 25
Outside diameter of Glass,		Inches,	1¼	1½	1¾	2	2¼	2½	3	3½
Height of Glass,		"	1½	1¾	1⅞	1¾	2¼	2¼	2¾	4
Capacity,	- -		½ oz.	½ oz.	1 oz.	2 oz.	¼ pt.	½ pt.	½ pt.	1 pt.
Size of Pipe Thread,	-	Inches,	¼	¼	⅜	⅜	⅜	½	½	½
Extra Glasses,	- -	Each,	$0 08	0 10	0 10	0 12	0 15	0 25	0 35	0 65

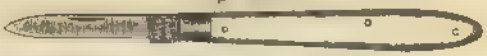
Ballantine's Patent, Automatic Grease Cups.

		No.	1	2	3	4	5	6	7	8	9
Rough Brass,	-	Each,	$1 35	1 55	1 75	1 95	2 20	3 00	4 00	5 50	7 00
Polished Brass,	-	"	2 10	2 35	2 60	2 95	3 35	4 50	6 25	8 00	9 75
Nickel plated,	-	"	2 20	2 50	2 80	3 20	3 70	5 00	6 75	8 50	10 25
Outside diameter,		Inches,	1	1¼	1½	1¾	2	2½	3	3½	4
Size of Pipe Thread,		"	¼	⅜	⅜	⅜	½	¾	¾	1	1

Pocket Knives.

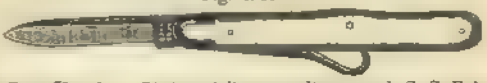
RACE BROS'

Fig. 4906



No. 100, 2¼ inches, White Bone Handle, 1 Blade, Brass lined, no Bolster, - - per dozen, $1 30
101, 2½ " " " 1 " " G. S. Bolster, - - " 2 00
102, 3 " " " 1 " " no Bolster, - - - " 2 00

Fig. 4909.

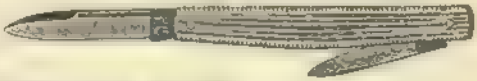


No. 9846, 2¼ inches, White Bone Handle, 1 Blade and Buttoner, Brass lined, G. S. Bolster, - per dozen, $3 50
9852, 2½ " Pearl " 1 " " " " " 4 00

Fig. 4910.

No. 4098P, 2¼ inches, Pearl Handle, 2 Blades, Brass lined, G. S. Bolsters, - - per dozen, $2 50
4098S, 2¼ " Shell " 2 " " " - - " 2 50
3150I, 3 " Ivory " 2 " " " - - - " 3 00
3150P, 3 " Pearl " 2 " " " - - " 2 50

Fig. 4911

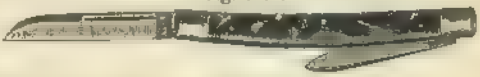


No. 3 1[illegible] 2¼ inches, Pearl Handle, 2 Blades, Brass lined, per dozen, $5 00
4 4[illegible] 2¼ " " 2 " " Engraved "Lady's Knife," - 5 00

Fig. 4912.

No. 4869, 2½ inches, Ivory Handle, 2 Blades, Brass lined, - - - - per dozen, $3 50

Fig. 4913.



No. 3321I, 2½ inches, Ivory Handle, 2 Blades, Brass lined, G. S. Bolsters, per dozen, $4 50
3321P, 2½ " Pearl " 2 " " " " - - " 6 50
3321S, 2½ " Shell " 2 " " " - - - " 6 50

Fig. 4914

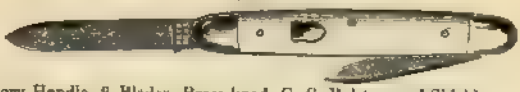
No. 4378, 3 inches, Pearl Handle, Brass lined, G. S. Bolsters, - - - per dozen, $4 50

All above Pocket Knives, One-half Dozen in a Box

Pocket Knives.

RACE BROS'

Fig. 4915.



No. 3338I, 2¾ inches, Ivory Handle, 2 Blades, Brass lined, G. S. Bolsters and Shield, - per dozen, $4 00
3338P, 2¾ " Pearl " 2 " " " " - " 5 50

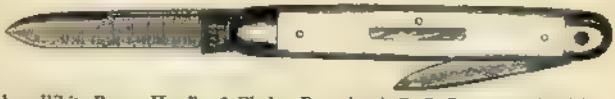
Fig. 4916.

No. 2309P, 2¼ inches, Pearl Handle, 2 Blades, Brass lined, G. S. Tips and Shield, - per dozen, $7 25
2309S, 2¼ " Shell " 2 " " " " - " 7 25

Fig. 4917.

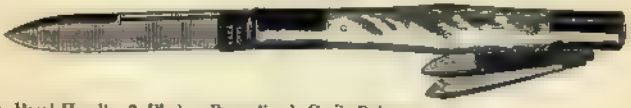
No. 4800P, 2¾ inches, Pearl Handle, 2 Blades, Brass lined, G. S. Bolsters, - - per dozen, $7 00
4700I, 2 " Ivory " 2 " " " - - " 5 50

Fig. 4915.



No. 3434WB, 3 inches, White Bone Handle, 2 Blades, Brass lined, G. S. Bolsters and Shield, per dozen, $4 50
3434GB, 3 " Gray Buffalo " 2 " " " " " 4 50

Fig. 4919.



No. 3639, 3 inches, Pearl Handle, 3 Blades, Brass lined, G. S. Bolsters, - - - per dozen, $7 75

Fig. 4920.

No. 3396, 3 inches, Pearl Handle, 3 Blades, Brass lined, G. S. Bolsters and Shield, - - per dozen, $8 50

Fig. 4921

No. 3127P, 2¾ inches, Pearl Handle, 3 Blades, Brass lined, G. S. Bolsters, - - per dozen, $7 00

All above Pocket Knives, One-half Dozen in a Box.

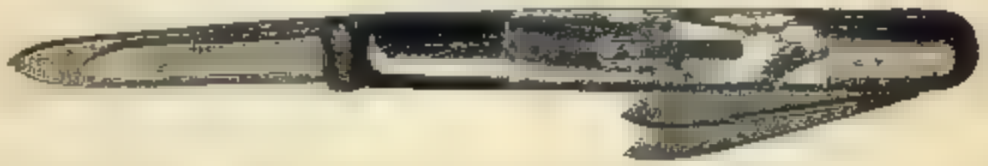
Pocket Knives.

RACE BROS'.

Fig. 4922.

No. 7974, 3 inches, Pearl Handle, 4 Blades, Brass lined, G. S. Bolsters and Shield, - per dozen, $9 00

Fig. 4923.



No. 6125, 3¼ inches, Pearl Handle, 4 Blades, Brass lined, G. S. Bolsters and Shield, - - per dozen, $6 75

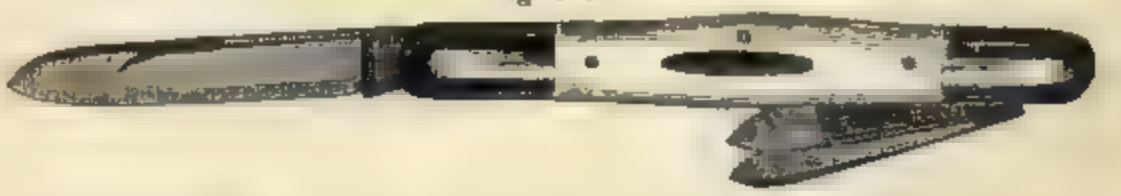
Fig. 4924

No. 6710, 3¼ inches, Ivory Handle, 4 Blades, Brass lined, G. S. Bolsters and Shield, two views, - per dozen. $9 50

Fig. 4925

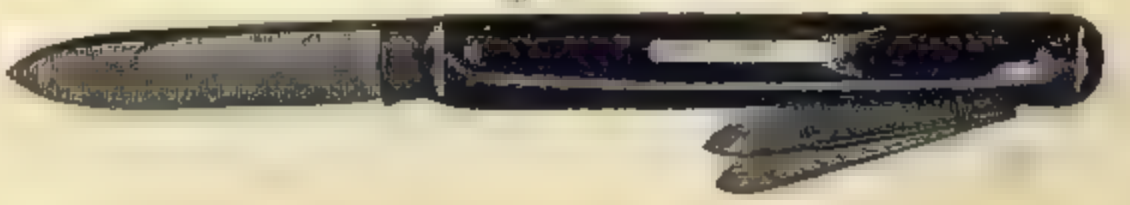
No. 2120WB,	3½	inches,	White Bone Handle,	4	Blades,	Brass lined,	G. S.	Bolsters and	Shield,	per dozen.	$ 6 50
2120GB,	3½	"	Gray Buffalo "	4	"	"	"	"	"	"	6 50
2390P,	3½	"	Pearl "	4	"	"	"	"	"	"	11 00
2390S,	3½	"	Shell "	4	"	"	"	"	"	"	11 00

Fig. 4926.



No. 6900,	3½	inches,	Ivory Handle,	4	Blades,	Brass lined,	G. S.	Bolsters and	Shield,	per dozen,	$ 7 00
6902,	3½	"	Gray Buffalo "	4	"	"	"	"	"	"	7 00
6906,	3½	"	Pearl "	4	"	"	"	"	"	"	16 00

Fig. 4927



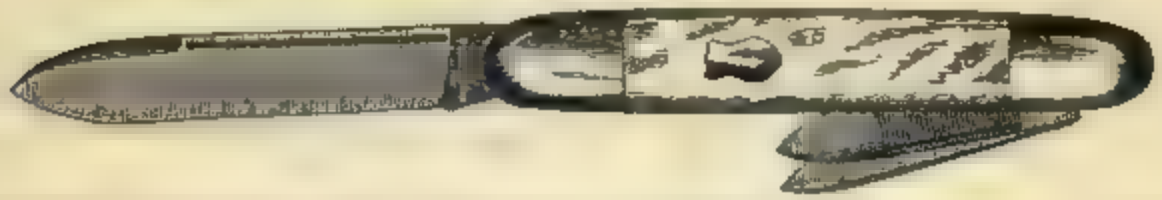
No. 8026WB,	3½	inches,	White Bone Handle,	4	Blades,	Brass lined,	G. S.	Tips and	Shield.	per dozen,	$7 00
8026GB,	3½	"	Gray Buffalo "	4	"	"	"	"	"	"	7 00
8026ISt,	3½	"	Im. Stag "	4	"	"	"	"	"	"	7 00

All above Pocket Knives, One-half Dozen in a Box.

Pocket Knives.

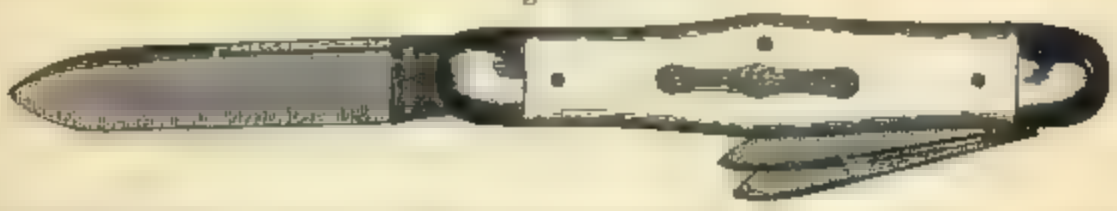
RACE BROS'

Fig. 4928.



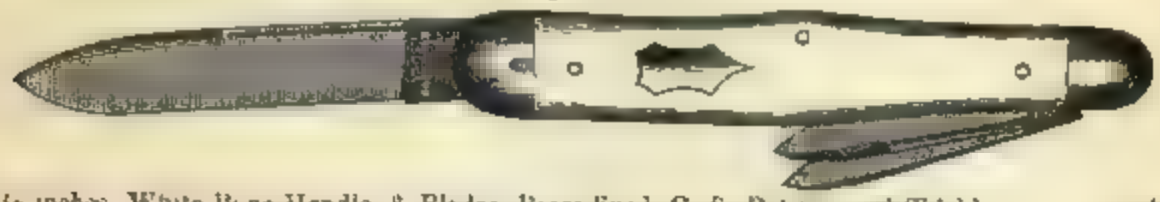
No. 3199, 3½ inches, Pearl Handle, 3 Blades, Brass lined, G. S. Bolsters and Shield, - - per dozen, $9 50

Fig. 4929.



No. 6832C, 3½ inches, Cocoona Handle, 2 Blades, Brass lined, G. S. Bolsters and Shield, per dozen, $5 50
6832E, 3½ " Ebony " 3 " " " " " 5 50
6833, 3½ " White Bone " 3 " " " " - " 8 00

Fig. 4930.



No. 6917, 3½ inches, White Bone Handle, 3 Blades, Brass lined, G. S. Bolsters and Shield, - per dozen, $7 00
6918, 3½ " Rosewood " 3 " " " " " 7 00
6919, 3½ " Ebony " 3 " " " " " 7 00

Fig. 4931

No. 8001, 4 inches, White Bone Handle, 3 Blades, Brass lined, G. S. Bolsters and Shield, per dozen, $6 75
8003, 4 " Gray Buffalo " 3 " " " " - " 6 75

All above Pocket Knives, One half Dozen in a Box.

Pocket Fleams.

Fig. 4932.

No. 6081, Fleams, 3 Blades, Brass Case, - - - - - - - per dozen, $4 50

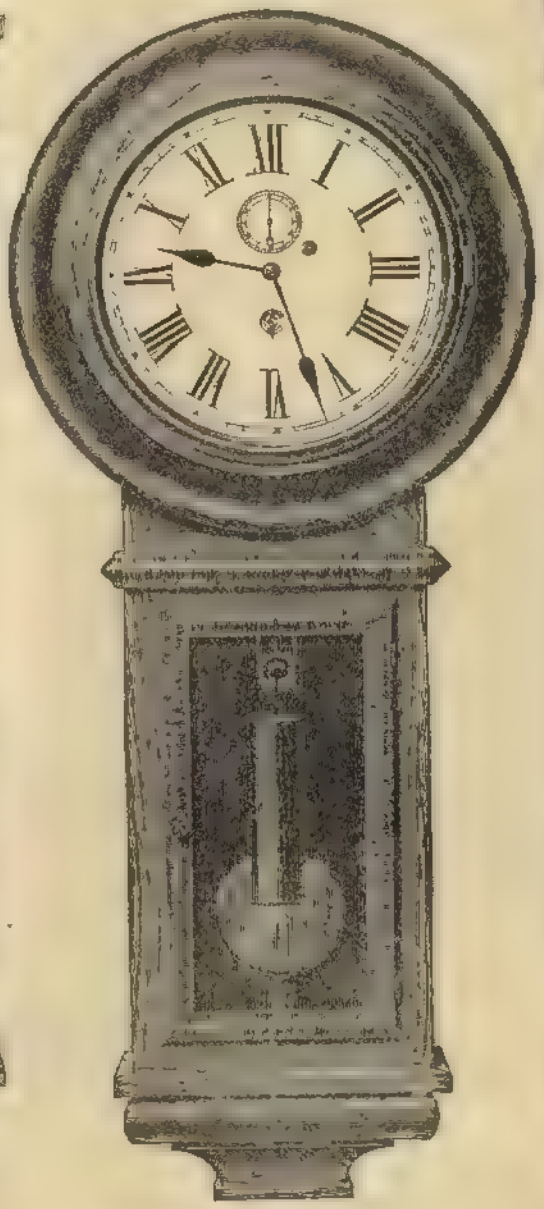
One-half Dozen in a Box.

Regulators.

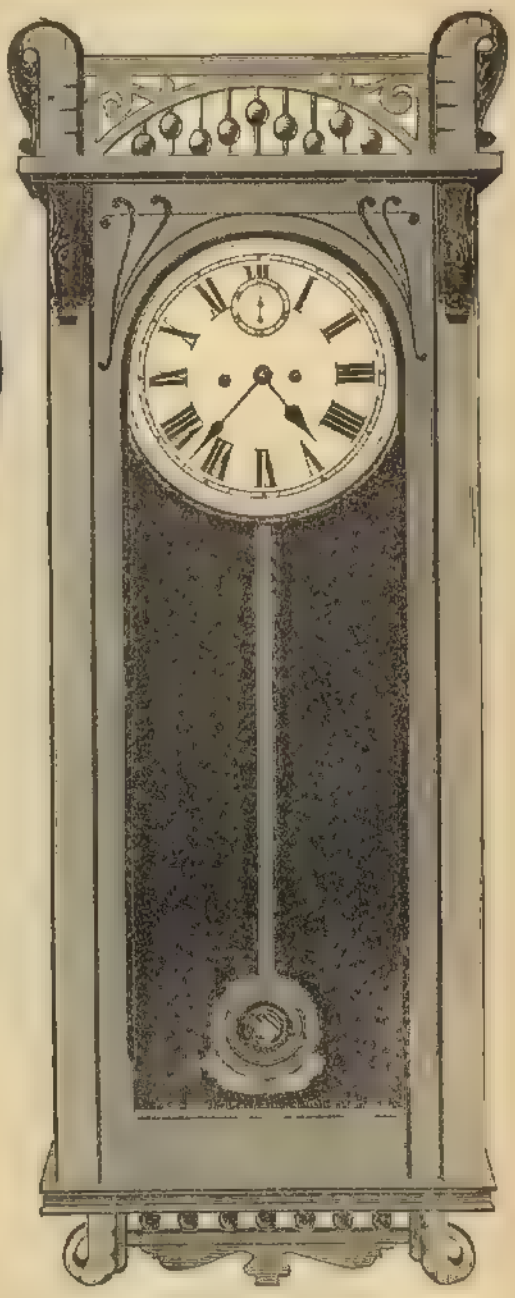
WE CAN SUPPLY ANY STANDARD REGULATORS OF OUR OWN OR ANY OF THE LEADING CLOCK CO'S MAKE.

LIST PRICES EACH.

"COLUMBIA."
Oak. Height, 48½ ins. Dial, 8 ins.
No 33 30 Day Time $21 50



"OFFICE" NO. 1.
Black Walnut or Mahogany,
Height, 42 inches, Dial, 12 Inches.
No. 35. 8 Day Time.... ....$28 00



"BARBARA."
Oak. Height, 47 inches. Dial, 10 Inches.
No. 36. 30 Day Time.. .. .. $30 00

S. F. MYERS & CO., New York,

SOLE AGENTS FOR THE SALE OF THE

CELEBRATED PRENTISS CALENDAR and TIME COMPANY'S CLOCKS,

CONTROLLING THE ENTIRE STOCK AND OUTPUT OF THE SAME.

AN ABSOLUTELY ESSENTIAL FEATURE IN EVERY BUSINESS PLACE.

THIS PEERLESS CLOCK

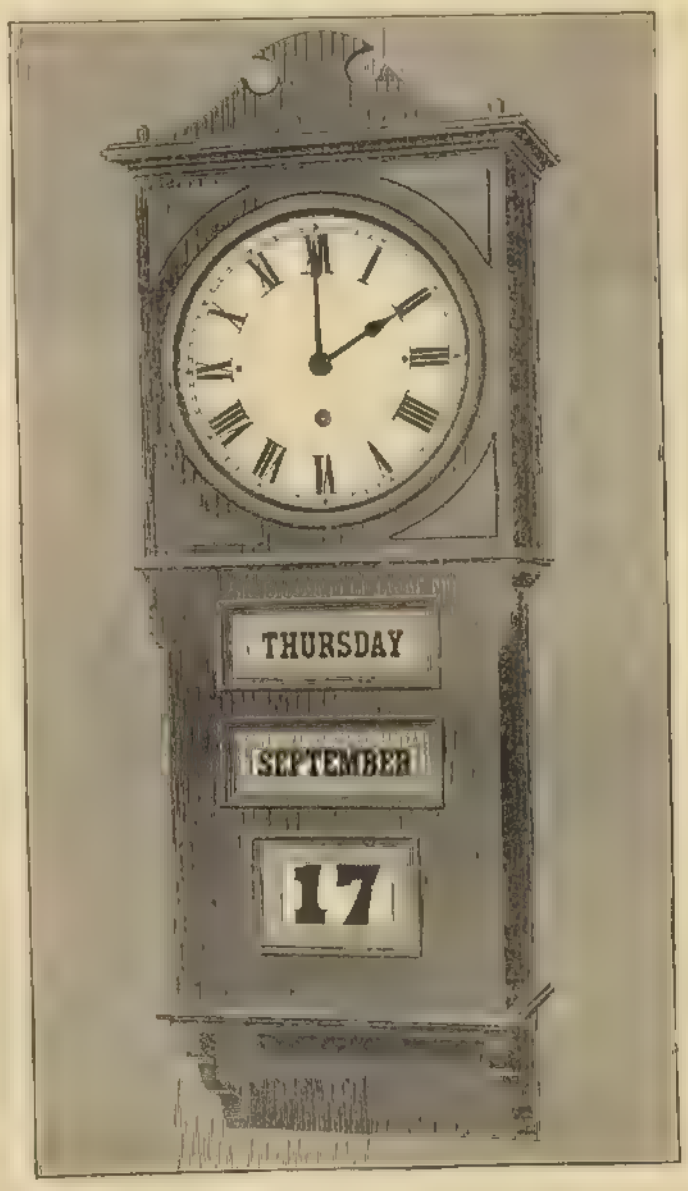
has been in constant use for years by thousands of leading New York and Chicago houses.

We having purchased the entire stock on hand, and controlling the output of the unfinished portion, now offer them to the trade **for sale** outside of the City of New York, and at a price less than one-half of the former figures.

Heretofore the use of the same has been allowed under annual leases at a rental of $9.00 per year. They are absolutely the best thing of the kind ever introduced, and dealers would study their own interests by procuring privileges from us to control the same in their immediate vicinity.

We have a circular with the names of over 2,000 prominent firms and corporations, who are and have been using these clocks for years, including such prominent concerns as those below, which we will forward on application.

The American Waltham Watch Co.
Brooklyn Watch Case Co.
New York Stock Exchange.
New York Board of Health.
Edison General Elec. Light Co.
Equitable Life Assurance Co.
N. Y. Life Ins. Co.
Continental Nat'l Bank.
Importers & Traders Nat'l Bank.
Exchange Nat'l Bank.
Third Nat'l Bank.
Nat'l Bank of Commerce.
Manhattan Trust Co.
N. Y. Security & Trust Co.
Singer Sewing Mach. Co.
B. Altman & Co.
Austin Nichols & Co.
Evarts, Choate & Beaman.
Townsend, Wyatt & Einstein.
Postal Tel. Co., etc., etc.



AS A TIME-KEEPER

it has a Straight Line Movement unsurpassed for accurate and reliable time, and is the **only 60-Day Clock in the market.** It is finely adjusted, and has an **Absolutely Noiseless Motion.**

THE CALENDAR

is substantially made, easily arranged with a little care, and it shows the Day, the Month, and the Date conspicuously in type large enough for the ordinary eye to read readily some thirty or forty feet distant. It is automatic, and **runs 12 Months with one winding**, and is the new official calendar of the Electric Time Company (Western Union Telegraph Co.), who pay a heavy royalty for its use.

THE WESTERN UNION ELECTRIC CLOCKS with same Calendar are Rented—**Not Sold.**

THE PRENTISS Calendar and Time Clock.

is an indispensable feature when accurate date and time are wanted. They have not been introduced generally outside of New York and Chicago.

List Price Each, $33.33.

THE PRENTISS CLOCK.

Height, 3 feet. Dial, 10 inches. Date Figures, 2 inches high, 3½ inches wide.

IN WALNUT, NATURAL OAK, ANTIQUE OAK AND MAHOGANY CASES.

List Price Each, $33.33.

Improved Walnut Clocks.

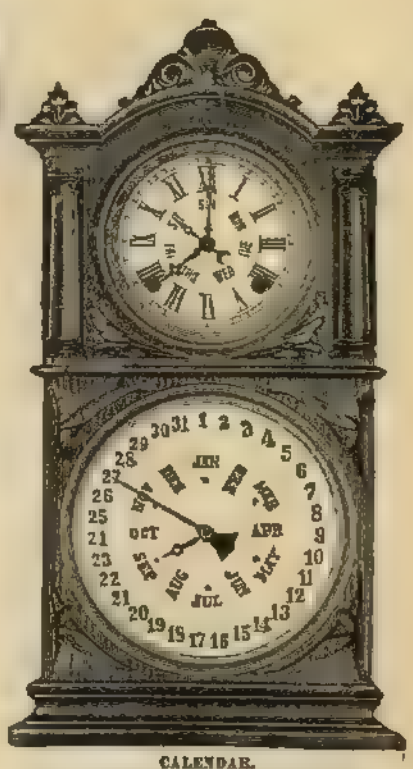
LIST PRICES, EACH.

DROP OCTAGON.
Polished Veneered.

No. 312	8 Day	12 inch,	Time		$10 44
No. 314	8 "	12 "	"	Calendar	12 00
No. 315	8 "	12 "	"	Strike	14 06
No. 316	8 "	12 "	"	Calendar	14 96

"BRISTOL."
Imitation Oak. Height, 32 in., Dial, 12 in.

8 Day Time	$7 75
8 " Strike	9 25
8 " Time Calendar	9 00
8 " " Strike	10 50

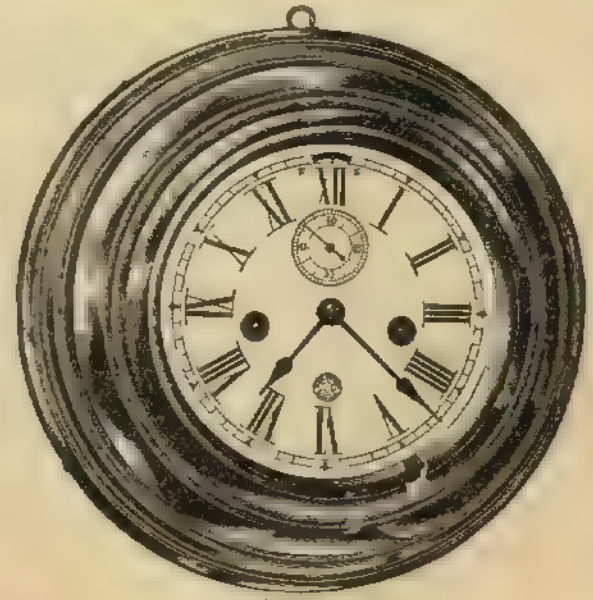


CALENDAR.
Walnut. Height, 21½ in., Time Dial, 6 in., Calendar, 8 in.

8 Day Time	$10 00
8 " Strike	11 50

WOOD LEVER.
Polished Veneered.

No. 335	8 Day,	10 inch,	Time		$7 90
No. 336	8 "	10 "	Strike		10 50
No. 337	8 "	12 "	Time		8 75
No. 338	8 "	12 "	Strike		11 50



CANTON.
Nickel or Brass.

No. 357	8 Day,	8 inch,	Time		$7 00
No. 358	8 "	8 "	Strike		9 25

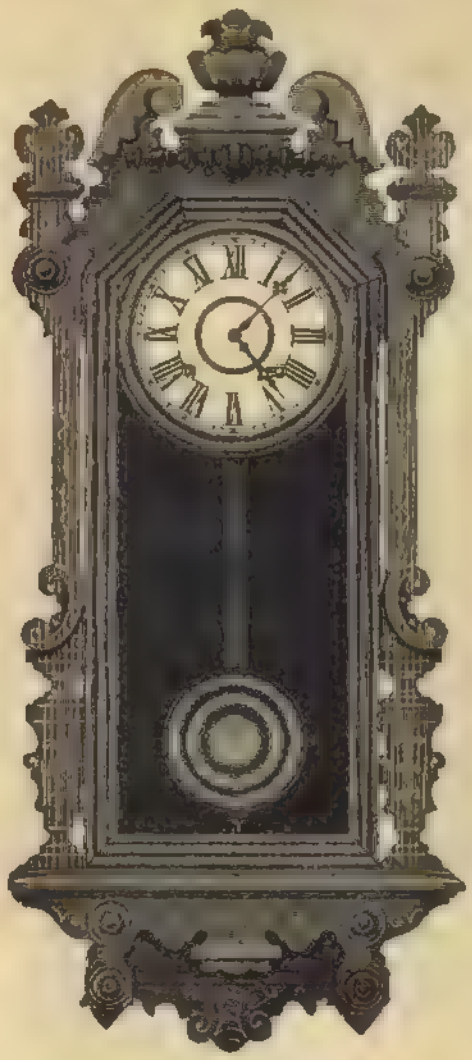
Regulators.

LIST PRICES EACH.

INDUS

Oak. Dial, 6 inches. Height, 29 inches.

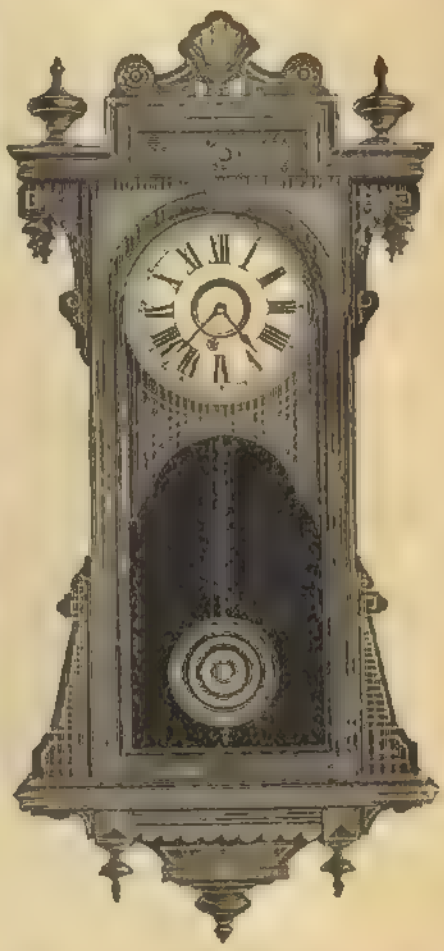
Eight Day, Time	$8 00
Eight Day, Strike	8 50
Eight Day, Time, Calendar	8 75
Eight Day, Strike, Calendar	9 25



ARCTIC

Oak. Dial, 8 inches. Height, 37 inches.

Eight Day Time	$10 00
Eight Day Strike	11 50
Eight Day Time, Calendar	11 00
Eight Day, Strike, Calendar	12 50



BARTHOLDI.

Polished Walnut. Dial, 8 inches. Length, 40 inches.

Eight Day, Time	$15 00
Eight Day, Strike	16 50

Superior Clock Combinations.

FINELY FINISHED, WELL BUILT, NEW STYLES. LIST PRICES PER CASE OF SIX ASSORTED CLOCKS

WE HAVE A NUMBER OF ELEGANTLY ASSORTED AND SALABLE COMBINATIONS WHICH WE DO NOT ILLUSTRATE, NOT OLD STOCK, BUT NEW GOODS, AND AT BOTTOM PRICES.

WE CAN SUPPLY VERY HANDSOME STANDARD CLOCK COMBINATIONS, IN ALL STYLES OF OAK AND WALNUT, AT MANUFACTURERS' LOWEST PRICES, AND LATEST STYLES.

No. 100 The "UNEXCELLED." 22 inches high, all Walnut, 8 day Strike . $33 88

A FULL LINE OF ALL WATCH MATERIALS WILL ALWAYS BE FOUND IN OUR TOOL AND MATERIAL DEPARTMENT. REFER TO OUR SPECIAL ILLUSTRATED CATALOGUE. SENT FREE ON APPLICATION

QUADRUPLE SILVER PLATED WARE.

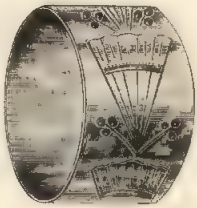
NAPKIN RINGS.

Illustrations are Full Size.

PRICES PER DOZEN.

No. 184. Napkin Ring.....$7.50
Satin Engraved.

No. 183. Napkin Ring.....$6.50
Satin Engraved.



No. 182. Napkin Ring..$5.50
Satin Engraved.

No 207 Napkin Ring.....$12 00
Satin Engraved. Open Work Border.

No. 206. Napkin Ring.....$10 50
Satin Engraved. Open Work Border.

No. 205. Napkin Ring $9 00
Satin Engraved. Open Work Border.

No. 4347. Napkin Ring.....$25 20
Engraved. Gold Lined

No 01577 Chased Napkin Ring.....$21.60

Solid Silver Hair Pins.

LATEST DESIGNS. STERLING FINE ALL HAVE CELLULOID AMBER PRONGS EXCEPT 3046, 3047 AND 3000, WHICH HAVE SILVER PRONGS

LIST PRICES EACH

No. 3053 ..... $5 95
Satin, Bright Cut.

No 3051 ..... $5 63
Satin Bright Cut

No 3071 ..... $6 25
Filigree, Bright Cut

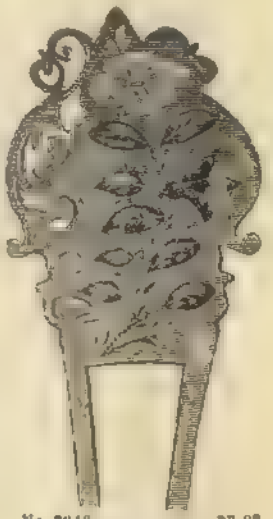
No. 3049 ..... $4 70
Chased and Bright Cut

No. 3055 ..... $4 38
Satin, Bright Cut.

No 3043 ..... $4 38
Filigree, Bright Cut.

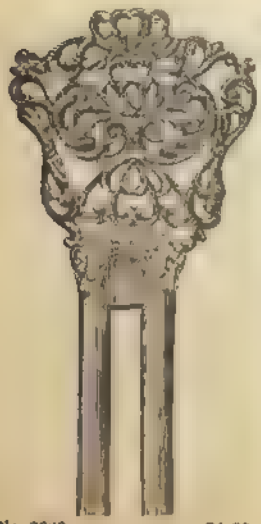
No. 3042 ..... $4 38
Filigree, Bright Cut.

No 3044 ..... $4 38
Filigree, Bright Cut
No 3045 ..... $4 70
Satin, Gilt



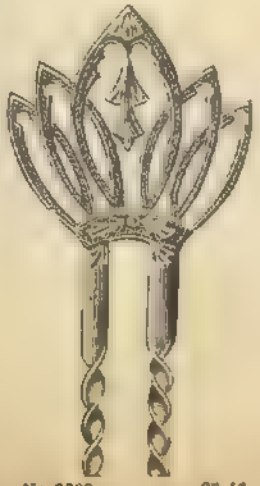
No 3046 ..... $7 88
Gilt Colored Enameled
No. 3047 ..... $6 25
Size Smaller

No 3087 ..... $6 25
Satin and Bright Cut
No 3088 ..... $6 88
Satin Gilt



No. 3019 ..... $4 70
Chased and Bright Cut

No. 3029 ..... $3 45
Satin Imitation Diamond



No. 3000 ..... $3 13
Sawed out, Engraved

No 3002 ..... $4 38
Satin Chased

No 3014 ..... $3 13
Satin, Bright Cut.

Rolled Gold Plate Hair Pins.

LATEST PATTERN. HANDSOME GOODS. ROMAN. ALL HAVE CELLULOID AMBER PRONGS.

LIST PRICES PER DOZEN.

No. 2577 $52 50
Roman, Chased

No. 2571 $33 75
Roman, Chased.

No. 2566 $45 00
Roman, Enameled, Imitation Diamond.

No. 2659 $37 50
Roman, Ruby Eye, Emerald and Imitation Diamond

No. 2587 $66 25
Roman, Chased

No. 2579 $52 00
Roman, Chased.

No. 2592 $45 00
Roman, Chased Colored Enamel

No. 2585 $52 60
Roman, Colored Enameled.
No. 2575 $33 75
Roman, Not Enameled, Smaller.

No. 2507 $30 00
Roman, Chased

No. 2578 $41 25
Roman, Chased.

No. 2508 $37 50
Roman, Chased.

No. 2513 $26 25
Roman, Chased.

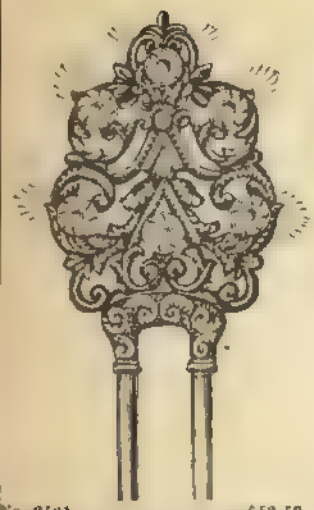
No. 2589 $20 00
Roman, Polished, Colored Stones Inlaid.

No. 2515 $22 50
Roman, Chased.

No. 2514 $30 00
Roman, Chased.

Rolled Gold Plate Hair Pins.

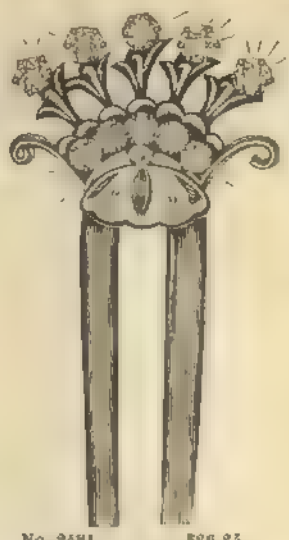
BEST AND MEDIUM QUALITIES. LATEST STYLES, POLISHED PRONGS, EXCEPT NOS. 2590, 2581, AND 2580, WHICH ARE CELLULOID.
LIST PRICES PER DOZEN.



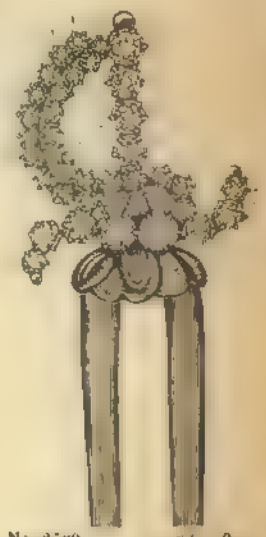
No. 2501 ..... $52 50
Roman Chased, Im. Diamonds

No. 2538 ..... $26 25
Roman, Chased

No. 2590 ..... $16 88
Roman, Im. Diamond.



No. 2581 ..... $26 25
Polished, Im. Diamond.



No. 2580 ..... $[illegible]
Polished, Im. Diamond

No. 2541 ..... $30 00
Polished, Imitation Diamonds

No. 2526 ..... $22 50
Polished, Imitation Diamonds.

No. 2525 ..... $22 50
Polished, Imitation Diamonds

No. 2500 $10 00
Roman Imitation Diamonds and Sapphires Inlaid

No. 2522 ..... $11 25
Polished, Imitation Diamonds.

TOP OF NO 2541, 2526, 2525 ARE DETACHABLE. CAN BE WORN AS BROOCHES

No. 2520 $9 38
Polished, Im. Diamonds

No. 2546 ..... $15 00
Roman, Polished Crescent.

No. 2505 ..... $16 88
Polished Twist.

No. 2549 ..... $15 00
Polished.

No. 2504 ..... $15 00
Polished.

Sterling Silver Hat Pins.

LATEST STYLES. AVERAGE LENGTH OF PINS, 5½ INCHES

LIST PRICES PER DOZEN

No. 3073 $38 75 Filigree Bright Cut.

No. 3032 $45 00 Chased Rubies Inlaid

No. 3040 $20 00 Gilt Handle Polished Pin

No. 3072 $33 75 Filigree Bright Cut.

No. 3013 $16 88 Satin Turquoise Inlaid

No. 3056 $3 75 Satin Bright Cut, 12 Ass'td Patterns [illegible]

No. 3012 $23 75 Carved, Open Ball.

Rolled Gold Plate Hair Pins.

LATEST STYLES. FINELY FINISHED. AVERAGE LENGTH OF PINS, 5½ INCHES, EXCEPT 2565.

LIST PRICES PER DOZEN.

No. 2583 ..... $21 25 Roman, Chased.

No. 2572.....$26 98 Roman Chased Im Diamond Inlaid Cellulose Prongs

No. 2561.. $22 50 Polished, Chased.

No. 2576 $28 13 Roman Colored Enameled, Polished Pin.

No. 2555 .$5 0 3¼ in. long, Roman Ball.

No. 2576 $15 00 Polished Handle.

No. 2573. $20 00 Roman Open Ball Colored Enameled

No. 2501 $ 30 00 Chased Imitation Diamond.

No. 2550 $7 50 Roman Garnet Inlaid.

No. 2518 $7 50 Roman Knot.

No. 2519 $15 00 Roman Gold Front

No. 2551 $7 50 Roman.

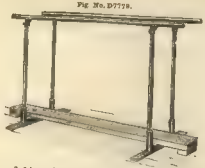
No. 2570 $9 38 Pearl and Polished Handle Roman Pin.

No. 2523 $21 50 Colored Enameled, Imitation Diamond Center

SIMMONS HARDWARE CO. COMPANY

GYMNASIUM GOODS.

Fig. No. D7779.

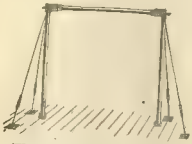


Spalding's New Parallel Bars.

	EACH.
No. 101,	$35.00
No. 102—Wood Base, movable,	25.00

Is especially adapted for amateur work, and, on account of its lightness in construction, is readily moved about. Packed ready for shipping.

Fig. No. D7780

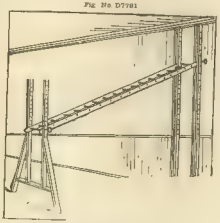


Floor Horizontal Bars.

	EACH.
No. 72—Complete, Steel Core Bar,	$30.00
No. 73— " Split Hickory Bar,	25.00
No. 75— " Iron Uprights and Guys, Hickory Bar,	15.00

Has Iron Pipe Uprights, Cast Steel Head Pieces, Steel Guy Wires, Wrought Iron Turn Buckles and Floor Plates, and a Split Hickory Steel Core Bar.

Fig. No. D7781



Spalding's Adjustable Ladders.

	EACH.
No. 85—Complete, **without Stand,**	$37.50
No. 85½— " **with Stand,**	50.00

Can be used in Upright, Horizontal and Slanting Position, as desired. When not in use it occupies but two feet of space from wall.

Fig. No. D7782

Spalding's Parallel Bars.

	EACH
No. 97—Complete,	$50.00

Is adjustable, both in width and height. The Base is our special design and cannot upset. The Hand-rails are egg-shaped and made of selected material.

Fig. No. D7783

Horizontal Bars.

Steel Core Bars.

The Core used is made of the best Tool Steel, and warranted.

	EACH.
No. 112—5½ feet long,	$6.50
No. 113—6 "	7.00
No. 114—6½ "	7.50
No. 115—7 "	8.00

Solid Steel Bars to order.

Plain Hickory Bars.

Made of selected second growth Hickory.

No. 116—4 feet long,	$1.25
No. 117—4½ "	1.50
No. 118—5 "	1.75
No. 119—5½ "	2.00
No. 120—6 "	2.00
No. 121—6½ "	2.25

Fig. No. D7784

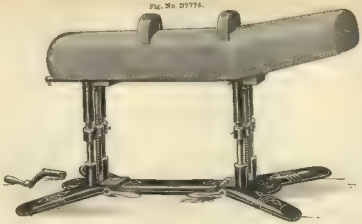
Balance Swing or See-Saws.

	EACH.
No. 24—With **Gaspipe Post,**	$38.00
No. 24— " **Wood Post,**	33.00

Is provided with a Cast Iron Base and one Gaspipe Post, or Cast Iron Base and Wood Post. Can be raised and lowered by one person with ease.

GYMNASIUM GOODS.

Fig. No. D7774.

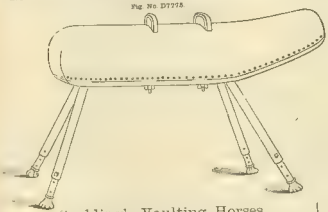


Spalding's Special Vaulting Horses.

While it has four legs, the same as most vaulting horses, it is so constructed that the legs are put in a vertical position instead of slanting, giving a clear "floor way" an advantage that all experts on this apparatus will recognize at once. The old style of adjustment is superseded by a well known mechanical device under a new application. By this means the horse can be raised or lowered by simply turning the crank, and is firm and solid in any position. By raising the levers at the ends of the base to a vertical position the horse is thrown on rollers, making it an easy matter for one person to move it. It is covered with the best of leather well padded, regulation size.

	EACH.
No. 0—With or without Neck,	$120.00

Fig. No. D7775.



Spalding's Vaulting Horses.

Covered with best quality dressed Cowhide, well padded, movable pommels, telescope legs, adjustable from 3⅝ to 5¼ feet.

	EACH.
No. 1—Complete,	$50.00

Fig. No. D7777

Spalding's Spring Boards.

	EACH.
No. 22—7 feet long, 2½ feet wide, Extra Well Made and Heavy,	$40.00
No. 23—6 feet long, 2 feet 2 in. wide,	25.00
No. 24—6 " " 2 " wide, portable,	13.50

Leaping Boards.

	EACH.
No. 25—For Vaulting Horse, Rubber Shoe,	$7.00
No. 26—" " " Plain,	4.00

Incline Boards.

	EACH.
No. 27—For Use with Traveling Rings,	$12.00
No. 28—" " " " " Rubber Covered, Hardwood,	16.00

Made of the best Hickory, with Hardwood Pedestals, and are firmly held to the floor by a Turn Buckle at each end. Turn Buckles and Floor Plates furnished with each Spring Board, but, if desired, can be used without fastening to the floor.

Fig. No. D7776

Spalding's Vaulting Bucks No. 1B.

Covered with best quality dressed Cowhide, well padded, telescope legs, adjustable, from 3½ to 5½ feet.

	EACH.
No. 1B—Complete,	$30.00

Fig. No. D7778.

No. 29—Used as a Batteau Board.

The Fittings in the rear are raised to a vertical position and sustained in position by set screws, and the center bar then moved to opposite end.

	EACH.
No. 29—Spalding's Combined Batteau and Bouncing Boards, for Heavy Work in Gymnasium,	$40.00

Requires no fastenings and is readily moved about. The center bar is movable, and, by placing it forward or backward, the action can be adjusted to suit the person using it. The frame is made of 1¼ inch iron pipe, the corners tipped with rubber and the board proper of best selected hickory.

GYMNASIUM GOODS.

Fig. No. D7794.

No. 129.

Fig. No. D7795.

No. 127.

Single and Double Complete.

Trapeze.

Single Trapeze.

Complete, with any Length of Rope.

		EACH.
No. 127—	Steel Core Bar,	$7.50
No. 128	Split Hickory Bar,	6.00

Double Trapeze.

Complete, with any Length of Rope.

		EACH.
No. 129—	Steel Core Bar,	$16.00
No. 130—	Split Hickory Bar,	12.00

Fig. No. D7796

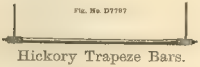
Single Trapeze.

Complete for Home Use.

Prices, Including 8 feet of Rope or Less.

		EACH.
No. 1—2½ foot Hickory Bar,		$3.00
No. 2—3 " " "		3.25
No. 3—3½ " " "		3.50
No. 4—4 " " "		3.75
No. 5—4½ " " "		4.00

Fig. No. D7797



Hickory Trapeze Bars.

Without Rope.

		EACH.
No. 1—Length, 2½ feet,		$1.25
No. 2— " 3 "		1.50
No. 3— " 3½ "		1.75
No. 4— " 4 "		2.00
No. 5— " 4½ "		2.25
No. 6— " 5 "		2.50

Fig. No. D7798

No. 2.

Lungers.

		EACH.
No. 1—For "High Work", Complete with Pulleys, Ropes, etc.,		$15.00
No. 2—For "Tumbling", Complete with Hand Rope, etc.,		5.00

A Wide Leather Belt, with Ropes attached to the side by Swivels, used in practice for Tumbling and Aerial Work.

Fig. No. D7799

Mattresses.

Grade A.

Made of Best Hair Felt, 4 inches thick, covered with 6 ounce Seal Brown Duck.

		EACH.
No. 101A—4 x 6 feet,		$ 30.00
No. 102A—5 x 6 "		35.00
No. 103A 5 x 10 "		55.00
No. 104A 5 x 20 "		115.00

Grade B.

Made of Best Hair Felt, 2 inches thick, 6 ounce Seal Brown Duck.

		EACH.
No. 100B—3 x 5 feet,		$13.00
No. 101B—4 x 6 "		18.00
No. 102B 5 x 6 "		22.00
No. 103B—5 x 10 "		37.50
No. 104B—5 x 20 "		75.00

Grade C.

Made of Cheaper Material, 4 inches thick, covered with good quality White Canvas.

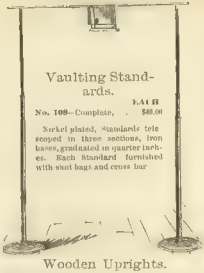
		EACH.
No. 100C 3 x 5 feet,		$ 9.00
No. 101C—4 x 6 "		11.00
No. 102C—5 x 6 "		13.00
No. 105— 4 x 12 feet, 1-ply,		$ 35.00
No. 105 4 x 12 " 2 "		45.00
No. 106—15 x 16 " 1 "		150.00
No. 106 15 x 16 " 2 "		200.00
No. 110—Tumbling Mattress, all Hair,		100.00
No. 111—"Take off" Mat, 3 x 6 feet, Corrugated Rubber,		12.00
No. 112—Jumping Mat, 30 x 3 feet, Corrugated Rubber,		60.00
No. 108—Abdominal Mat, Adjustable Frame,		15.00
No. 109— " Straps, Canvas,		5.00
No. 109A— " " Leather,		6.00

Running Tracks.

We are prepared to furnish estimates and plans for all kinds of Running Tracks. Our best tracks are made of a layer of Hair Felt, covered with Heavy Canvas, which is covered with an Elastic Paint. Full particulars and estimates will be furnished on application.

GYMNASIUM GOODS.

Fig. No. D7785



Vaulting Standards.

EACH

No. 108—Complete, . $40.00

Nickel plated, Standards tele scoped in three sections, iron bases, graduated in quarter inches. Each Standard furnished with whet bags and cross bar

Wooden Uprights.

EACH.

No. 109—Graduated in Quarter Inches, Adjustable to 11 feet, Complete, ... $25.00

No. 110—Inch Graduations, Adjustable to 10 feet, Complete, 17.00

No. 111—Inch Graduations, 7 feet High, Complete, . 8.00

Cross Bars.

For Jumping and Pole Vaulting — PER DOZEN.

No. 112—Hickory, . . 8.00

No. 113—Pine, . . 2.50

No. 100—Selected Spruce, 8 feet Long, ... 3.00

No. 101— " 10 " . 4.00

No. 102— " 12 " 5.00

No. 103— " 14 " 6.00

Jump Ropes.

EACH.

No. 111½—Jump Ropes, ... $2.00

Vaulting Poles.

EACH.

No. 114—Split Ash, Light and Strong, 12 to 14 feet, $8.00

No. 115— " Hickory, 12 to 14 feet, . . 6.00

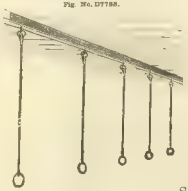
No. 116— " " 10 feet and under, ... 5.00

Pole Vaulting Boards.

EACH.

No. 117—Pole Vaulting Boards, $12.00

Fig. No. D7788.



No. 126.

Traveling Rings.

EACH.

No. 126—Traveling Rings, any Length of Rope, . $5.00

Are 10 inches in diameter, outside measurement, and are covered with leather. Adjusting Clamp will stand as great a strain as the rope itself.

Fig. No. D7789

Swinging Rings.

For Home Use. EACH

No. 1—With 5 feet Ropes, $3.00

No. 2— " 6 " 3.25

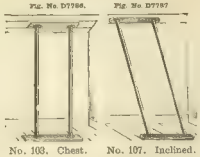
No. 3— " 7 " 3.50

No. 4— " 8 " 3.75

Leather Covered extra, 3.00

Made of galvanized iron 8 inches in diameter, outside measurement.

Fig. No. D7786. Fig. No. D7787



No. 103. Chest. No. 107. Inclined.

Chest and Inclined Bars.

Chest Bars.

EACH

No. 103—Single Set of Bars (3), Upright, 12 feet or less, Complete with Base and Cap Boards, ... $12.00

No. 104—Double Set of Bars (4), 12 feet or less, Complete, with Base and Cap Boards, ... 24.00

No. 105 Triple Set of Bars (6), 12 feet or less, Complete, with Base and Cap Boards, ... 36.00

Inclined Bars.

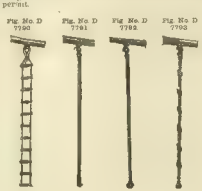
PER PAIR.

No. 107—12 feet or less, Complete, with Base and Cap Boards, $15.00

For Wall Braced Bars add $3.00 to each of the above numbered Bars, to pay for Side Guys.

Where ceilings are higher than 12 feet, we would suggest ordering Wall Braced Bars, unless you want them for the dual service of Chest Bars and Double Climbing Poles. In that case 16 foot ones would be the best, if the ceiling will permit.

Fig. No. D 7790 — Fig. No. D 7791 — Fig. No. D 7792 — Fig. No. D 7793



No. 93. No. 96. No. 97. No. 99.

Climbing Apparatus.

Rope Ladders.

PER RUNNING FOOT.

No. 93—Hickory Rounds, Stationary, ... $0.75

Peg Poles.

EACH.

No. 95—Hard Pine, Cast Sockets, 18 feet and under, $12.00

Climbing Poles.

EACH.

No. 96—Hard Yellow Pine, 18 feet and under, Complete, $6.00

Climbing Ropes.

EACH

No. 97—1¼ inches in Diameter, Leather Covered Knot on End, 18 feet or less, all Complete, ... $10.00

No. 98—1¼ inches in Diameter, Plain End, 18 feet or less, all Complete, ... 4.00

Knotted Ropes.

PER FOOT.

No. 99—¾ in., with Worked Knots, Complete with Hooks, etc., $0.[illegible]

No. 100—¾ inch in Diameter, Complete with Hooks, etc., [illegible]

Ball Ropes.

EACH

No. 102—Hardwood Ball 18 feet or less, Complete with Hooks, etc., $20.00

FAMILY SCALES.

Fig. No. D3593.

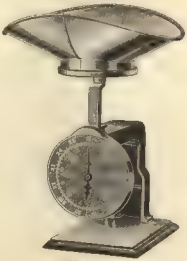
Standard.

EACH.

No. 1889·4—Capacity 4 lbs., Weighing by **Ounces, Platform and Hammered Brass Scoop,** Weight each, 4 lbs., ... $2.50

One in a Paper Box. Six in a Case.

Fig. No. D3526.



Chicago.

EACH.

No. 018—Capacity 25 lbs., Weighing by Ounces, **Platform and Tin Scoop,** Weight each, 11 lbs., ... $4.50

One in a Wooden Box.

Fig. No. D3597.

New Era, Sheet Steel.

EACH.

No. 012 S Capacity **12 lbs.,** Weighing by **Ounces, Sheet Steel, Japanned** and Striped, Brass Indicator Dial, **Tin Scoop,** $4.00

No. 024 S Capacity **24 lbs.,** Weighing by **2 Ounces, Sheet Steel, Japanned** and Striped, Brass Indicator Dial, **Tin Scoop,** 4.15

No. 06 S—Capacity ½ oz. to **6 lbs., Candy or Seed, Sheet Brass, Nickel Plated,** Highly Polished **Brass Scoop Nickel Plated,** 5.00

These Scales are strong, light and accurate. There is no risk of breakage and they do not get out of order.

One in a Wooden Box. Weight Complete, 3 lbs.

SPRING BALANCES.

Chicago Spring Balances.

			PER DOZEN.
No. 25C	Capacity **25 lbs.** by ¼ lbs.,	.	$6.00
No. 50C	Capacity **50 lbs.** by ½ lbs.,	.	8.00
No. 75C	Capacity **75 lbs.** by ½ lbs.,	.	20.00
No. 100C	Capacity **100 lbs.** by 1 lbs.,	.	24.00
No. 150C	Capacity **150 lbs.** by 1 lbs.,		30.00

Nos 25C and 50C, One-half Dozen in a Box.

Nos. 75C, 100C and 150C, One-third Dozen in a Box.

Fig No D1528

Cut shows Spring Balance.

Fig No D1538

Cut shows Ice Balance.

Chicago Ice Balances.

PER DOZEN

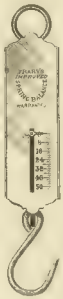
No. 210C Ice Balance, Capacity **210 lbs.** by 2 lbs., $36 00

One-third Dozen in a Box.

Fig No D2631

Fig No D2580

Fig No D1538



PER DOZEN

No. 70—Round, Capacity **25 lbs.** by ½ lbs., . $1 00

One-half Dozen in a Box.

		PER DOZEN.
No. 50—Straight, Capacity **25 lbs.** by ½ lbs.,		$1.60
No. 51—Straight, Capacity **50 lbs.** by 1 lbs.,		3.50
No. 81—Straight, Capacity **25 lbs.** by ½ lbs.,		4.00

No. 50, One Dozen.

Nos. 51 and 81, One-half Dozen in a Box.

	PER DOZEN.
No. 84—Straight, Capacity **50 lbs.** by 1 lbs., .	$10.00

One-quarter Dozen in a Box.

SPRING BALANCES.

Fig No. D5833

Straight, Round Tin Dish.

	PER DOZEN
No. 52—Capacity **25 lbs.** by ½ lbs., .	$ 4.00
No. 53 Capacity **50 lbs.** by 1 lbs., .	7.00
No. 94—Capacity **50 lbs.** by 1 lbs., . .	20.00

Nos. 52 and 53, One-half Dozen in a Box.
No. 94, One-quarter Dozen in a Box.

Fig No. D5834

Circular Dial, Square Tin Dish, with Chain.

	PER DOZEN.
No. 126 Capacity **30 lbs.** by Ounces, . .	$75.00
No. 127—Capacity **60 lbs.** by 2 Ounces,	90.00

One-twelfth Dozen in a Box.

Fig No. D5836

Glass Sash Dial, Square Tin Pan.

	PER DOZEN
No. 0127—With Chain, Capacity **60 lbs.** by 2 Ounces,	$102.00

Fig No. D5838

Glass Sash Dial, Round Tin Pan.

	PER DOZEN.
No. 0140—Swivel Brass Bow, Capacity **30 lbs.** by Ounces, ...	$108 00

One-twelfth Dozen in a Box.

SPRING BALANCES.

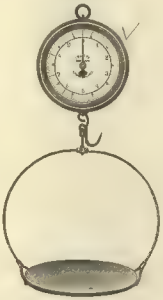
Fig. No. D3537

Circular Brass Dial, Round Tin Dish.

PER DOZEN.

No. 48C—Capacity 25 lbs. by Ounces, . . $54.00

Fig. No. D3536



Large Dial, with Glass Sash.

Porcelain Enameled Pan with Nickel Silver Strengthened Edges, Nickel Plated Bows.

PER DOZEN.

No. 0030E Capacity 30 lbs., Weighing by **Ounces,** 13 in. Pan, . . . $120.00

One-twelfth Dozen in a Package.

Comparative List of Spring Balances.

Landers, Frary & Clark.	John Chattilon & Sons.	Sargent & Co.	Chas. Forschner & Son.	Shape.	Capacity.	Description.
Nos.	Nos	Nos.	Nos.			Kind of Dish.
70	10	10	25	Round,	25 lbs. x ½ lbs.,	
50	20	20	11	Straight,	25 lbs. x ½ lbs.,	
51	30	30	12	Straight,	50 lbs. x 1 lbs.,	
81	40	40	16	Straight,	25 lbs. x ½ lbs.,	
84	70	70	19	Straight,	50 lbs. x 1 lbs.,	
126	262	353	77	Circular Dial,	30 lbs. x 1 ozs.,	Square Tin, with Chain.
127	272	653	78	Circular Dial,	60 lbs. x 2 ozs.,	Square Tin, with Chain.
52	21	21	13	Straight,	25 lbs. x ½ lbs.,	Round Tin.
53	31	31	14	Straight,	50 lbs. x 1 lbs.,	Round Tin.
94	71	71	35	Straight,	50 lbs. x 1 lbs.,	Round Tin.
0127	0272	673	115	Glass Sash Dial,	60 lbs. x 2 ozs.,	Square Tin, with Chain.
0140	0265	386	124	Glass Sash Dial,	30 lbs. x 1 ozs.,	Round, Tin Pan, Swivel Brass Bow.
0030E				Glass Sash Dial,	30 lbs. x 1 ozs.,	Porcelain, Nickel Plated Bows.

VIOLIN FURNISHINGS.

VIOLIN BRIDGES.

No. 1261. Maple, ordinary, 2 scrolls... ... ... per doz., $0 10
" 1262. " Fair Quality, 3 scrolls "London . " " 15
" 1263 " Good " 3 " "Paris" . " " 20
" 1264. " Better " 3 " Leipsig. . " " 20
" 1265. " Good " 3 " "Panpi"... ... " " 20
" 1266. " Fine " 3 " " " " 30
" 1267. " Good " 3 " "Dresden" . " " 25
" 1268. " Fine " 3 " " . " " 60
" 1269. " Good " 3 " "Aubert" . . " " 25

No. 1270. Maple, Fine Quality, 3 scrolls, "Aubert"... per doz., $0 75
" 1271 " " " 3 " Vuillaume. . " " 85
" 1272 " Extra Fine Quality, 3 scrolls, Vuillaume." " 1 00
" 1273. " Superfine " 3 " for Artists' use... .. .. " " 1 50
" 1274 Maple, Superfine Quality, selected old wood. " " 2 75
" 1275. Ivory, Fine Quality, 3 scrolls..... " " 9 50
" 1276. Maple, Good " 3 " for ¾ size violin, " " 16
" 1277. " Fine " 3 " "Panpi," for ¾ size violin..... " " 35
" 1278. Maple, Good Quality, 3 scrolls, for ½ size Violin..... " " 18
" 1279. Maple, Fine Quality, 3 scrolls, "Panpi," for ½ size Violin..... " " 30

MUTES.

No. 1280. Ebony Plain . . . . . per doz., $0 75
" 1281. German Silver.... . ..... " " 1 00
" 1282. Celluloid, Imitation Amber .. .... " " 1 35
" 1283. " " Tortoise Shell .... . " " 1 35
" 1284. " " Ivory..... " " 1 35
" 1285. Gutta Percha, New Model..... " " 1 80
" 1286. Ebony, Beveled Top, New Model..... " " 1 80
" 1287. German Silver, with Tuning Pipe "A"..... " " 2 25
" 1288. " " " " " and String Gauge..... " " 3 25

BOW HAIR.

No. 1289. Siberian, Good Quality, for full length Bows, half dozen in paper box .....per doz., $1 00
" 1290. Siberian, Fine Quality, for full length Bows, half dozen in paper box..... " " 1 15
" 1291. French, Finest Quality, but slightly bleached one dozen in paper box..... " " 1 40
" 1292. Russian, Extra Quality, Sold only by the oz. 1 oz. sufficient for six fillings.....per oz., 1 40

VIOLA FURNISHINGS, BRIDGES.

No. 1293. Maple, Three Scrolls, Good Quality.....per doz., $0 25
" 1294. " " " Fine " Vuillaume Model... .... " " 1 10
" 1295. Maple, Three Scrolls, Superfine Quality Selected Old Wood . ... " " 1 85

BOW HAIR.

No. 1296. Siberian, Finest Quality, each filling tied up separately, per dozen..... $3 75

MUTES.

No. 1297. Ebony, Plain, Good Model and Finish.....per doz., $1 25
" 1298. " Beveled Top, New Model..... " " 1 65

DOUBLE BASS FURNISHINGS, BRIDGES.

No. 1299. Maple, Plain Scroll, Good Quality, for ½ Size Double Bass.....each, $0 35
" 1300 Maple, Plain Scroll, Fine Quality, for ½ Size Double Bass..... . ... each, 45
" 1301. Maple, Fancy Scroll, Superfine Quality, for ½ Size Double Bass.....each, 55
" 1302. Maple, Plain Scroll, Good Quality, for ¾ Size Double Bass.....each, 35
" 1303. Maple, Plain Scroll, Fine Quality, for ¾ Size Double Bass.....each, 45

BOW HAIR.

No. 1304. Siberian, Good Quality, each filling tied up separately, per dozen..... $1 25
" 1305. Siberian, Fine Quality, each filling tied up separately, per dozen..... .... 1 65

PATENT HEADS.

No. 1306. Brass, engraving on sides, bone buttons.....per set, $0 35
" 1307. Nickel-plated, engravings on sides, bone buttons, " 38
" 1308. Brass, engravings on sides, bone buttons, (H. W White's patent constructed same as White's Guitar patent heads)... .... " 1 25

VIOLIN POLISH.

No. 1309. Gemunders', for cleaning and restoring Violins to their original lustre. In ¼ oz. bottles with directions, per doz., $2 20

TAIL PIECE CUT.

No. 1310. Red, in coils of 16 feet ... . .per doz., $3 75

VIOLIN BOW CASES.

No. 1311. Pasteboard, imitation cloth covered, for 1 bow each, $0 12
" 1312. Wood, leather covered, velvet lined, nickel lock and fasteners, for one bow.....each, 1 85
" 1313. Wood, leather covered, velvet lined, nickel lock and fasteners, for 2 bows.....each, 2 25

VIOLONCELLO FURNISHINGS.

BRIDGES.

No. 1715. Maple, good quality, with 2 scrolls.....per doz., $ 0 95
" 1716. " better " " 3 " ..... " " 1 75
" 1717. " fine " " 3 " ..... " " 2 75
" 1718. " Panpi, finest quality, with 3 scrolls, . " " 3 75
" 1719. " Superfine quality, selected old wood, 3 scrolls..... " " 13 25

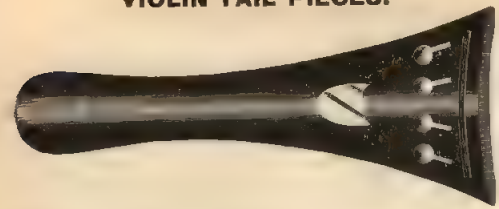
VIOLONCELLO BOW ROSIN.

No. 1314. Round boxes, "Ole Bull," good quality.....per doz., $0 45
" 1315. Reform Rosin, on metal spools, fine quality in pasteboard boxes..... per doz., 75
" 1316. Calvin Baker's Artist (to be used without removing from case)... . . . . .per doz., 2 00

DOUBLE BASS BOW ROSIN.

No. 1317. Good quality, in oblong pasteboard boxes.. .per doz., $0 75
" 1318. Wood boxes, (to be used without removing from box) per dozen..... 85
" 1319. "Reform Rosin," on metal spools, in pasteboard boxes. per dozen..... 1 50
" 1320. Koehler's improved, in pasteboard boxes....per doz., 3 50

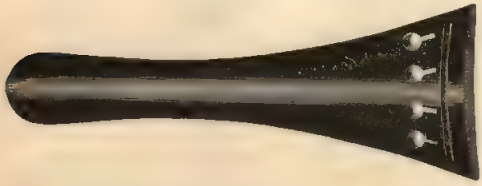
VIOLIN TAIL PIECES.



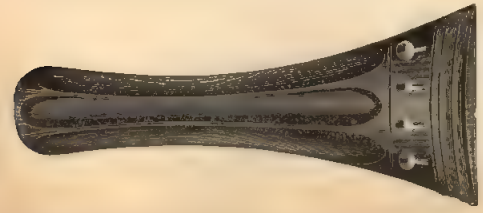
No. 1321. Maple, imitation ebony finish, pearl shield inlaid.....per doz., $0 60

No. 1322. Maple, imitation ebony finish, branch with four colored pearl flowers inlaid.....per doz., $0 70

No. 1323. Maple, imitation ebony finish, branch with colored pearl flower and six leaves inlaid.....per doz., 1 10



No. 1324. Ebony, plain, good model and finish.....per doz., $0 90
" 1325. " Extra quality and finish..... " 1 35
" 1326. " Plain, good model and finish, with gut loop for fastening to end pin..... " 1 35
" 1327 Ebony, plain, good model and finish, for ½ size Violin . . " 1 00
" 1328. " " " " " " ¾ " " ..... " 1 00



No. 1329. Ebony, plain, new model.....per doz. $ 1 75
" 1330. " fluted carving, extra quality and finish..... " 11 00

VIOLIN PEGS.

No. 1336. Maple, black stained, ordinary, per doz $0 08

No. 1337. Maple, black, hollow shape, pearl dot in head .....per doz., $0 15

No. 1338. Maple, black, stained hollow shape, pearl dot in head, better quality, per doz., $0 25

No 1339. Maple, imitation ebony finish, hollow shape, pearl dot in head.....per doz., $0 35

No. 1340. Boxwood, natural color, hollow shape, black dot in head .... . . per doz., $0 40

No. 1341 Boxwood, imitation ebony finish, hollow shape. pearl dot in head, per doz., $0 40

No. 1342 Ebony, hollow shape, polished, pearl inlaying in sides, pearl dot in head, per doz. $1 00

No. 1343 Celluloid, plain black, highly polished, ...per doz., $0 75
No 1344 Celluloid, plain white, highly polished . . . .per doz., $0 75

VIOLIN PEGS.

No. 1345. Ebony, hollow shape, pearl dot in head, polished, best mode, and finish. .....per doz $0 45

No. 1346. Ebony, oval shape, fancy pearl inlaying in sides, pearl dot in head .... ..per doz., $1 95

No. 1347 Ebony, flat shape, engraved pearl panel in sides, pearl dot in head..... ..per doz., $2 00

No. 1348. Ebony, oval shape, engraved and colored pearl star in sides, pearl dot in head....per doz., $3 00

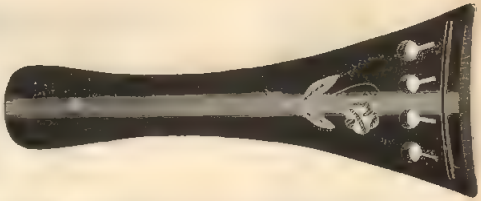
No 1349. Ebony, flat shape, engraved and colored pearl sun in sides, pearl dot in head ....per doz., $4 00

No. 1350. Ebony, flat shape, engraved and colored pearl sun in sides, pearl dot in head.....per doz., $4 35

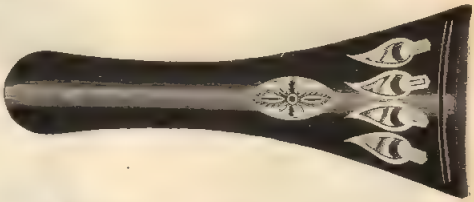
No. 1351 Ivory, hollow shape, engraved and colored pearl star in sides, pearl dot in head....per doz., $11 50

No. 1352. Celluloid imitation ivory, nickel mounted, "The Champion," Patented... ..... per set, $0 90

VIOLIN TAIL PIECES.



No. 1331. Ebony, pear, shield inlaid best mode and finish .....per doz., $1 85
" 1332. " polished, branch with colored pearl flower and two leaves in aid .... per doz., $2 85



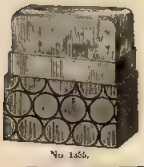
No. 1333. Ebony, engraved pearl inlaying in top and around string-holes, ... per doz., $6 75

No. 1334. Ebony, branch with colored pearl flowers, leaves and bird inlaid, pearl inlaying around string-holes... . . per doz., $8 00

No. 1335. Ebony, engraved and colored pearl lyre, with flowers, leaves, etc., inlaid, pearl inlaying at string-holes and end ....per doz., $16 00

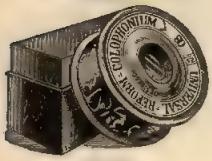
BOW ROSIN.

No. 1354.



No. 1355.

No. 1357



No. 1358.

No. 1359.

No. 1360.

No. 1353.	Small sized cakes, in oblong paper boxes.....per doz.,	$0 12
" 1354.	Small sized cakes, in oblong paste board boxes.....per doz.,	18
" 1355.	Medium sized cakes, in oblong pasteboard boxes.....per doz.,	20
" 1356.	Large sized cakes, in oblong pasteboard boxes.....per doz.,	40
" 1357.	In neat wood cases (to be used without removing from case).per doz.,	45
" 1358.	"Reform Rosin" on metal spools, in pasteboard boxes.....per doz.,	75
" 1359.	Calvin Baker's artist, (to be used without removing from case)..per doz.,	1 90
" 1360.	Genuine Gand & Bernardel, Paris, in pasteboard boxes .....per doz..	1 80

VIOLIN CHIN RESTS.

No. 3170.

No. 1364.

No. 1366.

No. 1368.

No. 1365.

No. 1363.	Ebony, double-acting screw fastening New model. Each in paper box .....per doz.,	$ 5 25
" 1364.	Ebony, with two German silver double screw fastenings .. "	6 25
" 1365.	Gutta Percha, finely engraved, two German silver double screw fastenings.....per doz.,	8 25
" 1366.	Celluloid and nickel, chin rest and shoulder rest combined, Becker's patent.....per doz.,	10 50
" 1367.	Ebony, large model, two German silver double screw fastenings "	10 25
" 1368	Gutta Percha, with nickel plated rachet fastening, C. F. Albert's patent, per doz.....	11 50
" 3170.	This new invention, just perfected, fills a long existing want for a Chin Rest that can be used and will fit perfectly on any Violin or Viola, from ⅛ size Violin to large size Viola, a feature which all Violinists, Teachers and children using small size Violins and Violas will appreciate. Per doz.....	12 00

Ohio Tool Co.'s Extra Bench Planes.

SMOOTHING

Fig. 356.

No. 3.

Fig. 357

No. 5.

No. 1,	Ohio, Single Iron, Best Cast Steel, with Start,	each,	$0 60
1,	Scioto, " " " " "	"	60
3,	Ohio, Double " " " "	"	90
3,	Scioto, " " " " "	"	90
5,	Ohio, " " Improved Solid Handle,	"	1 75
5½,	" " " Jack Handle,	"	1 50

Packed 36 in a Case. 2 to 2½ inch Irons.

JACK.

Fig. 358.

No. 15.

Fig. 359.

No. 17

No. 12,	Ohio, Single Iron, Best Cast Steel, with Start,	each,	$0 75
12,	Scioto, " " " " "	"	75
15,	Ohio, Double " " " "	"	1 00
15,	Scioto, " " " " "	"	1 00
17,	Ohio, " " " " Razee with Start,	"	1 20
17,	Scioto, " " " " " "	"	1 20

Planes with extra size Single Irons, add per ⅛ inch, net 10c. extra.
" " Double " " ⅛ " 15c. "

Packed 36 in a Case. 2 to 2½ inch Irons.

FORE

Fig. 360

No. 21

JOINTER

Fig. 3[illegible]

No. 27.

No. 21,	Ohio, Fore Double Iron, Cast Steel, with Start,	each,	$1 40
21,	Scioto, " " " "	"	1 40
27,	Ohio, Jointer, " " " 26 inches,	"	1 50
27,	Scioto, " " " " 26 "	"	1 50
27,	Ohio, " " " " 28 "	"	1 60
27,	Scioto, " " " " 28 "	"	1 60
27,	Ohio, " " " " 30 "	"	1 75
27,	Scioto, " " " " 30 "	"	1 75

Selected Applewood Planes, in Sets of 4.—Smooth, Jack, Fore and Jointer, per set, $ 90

MISCELLANEOUS AND FANCY.

Fig. 362

Mitre—No. 31.

No. 30,	Tooth Plane, Cast Steel, Single Iron,	each,	$1 00
31,	Mitre " Smooth Shape, Single Iron,	"	75

BEADS.

Fig. 363

No. 37

No. 37, Side Bead, Single, Boxed. ¼ to ½ ⅝ to ¾ ⅞ to 1
Each, $0 50 0 55 0 70

Fig. 364

No. 41

No. 41, Center Bead, Double Bxd, ¼ to ½ ⅝ to ¾ ⅞ to 1
Each, $0 60 0 65 0 70

REEDING.

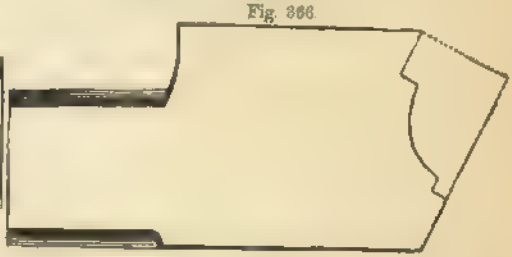
Fig. 365.

No. 122

No. 122, Reeding Plane, to Cut 1 Bead, ¼ to ⅜ inch, - - - - each, $1 00
122, " " " 2 " ¼ to ⅜ " - - - - - - " 1 40
122, " " " 3 " ¼ to ⅜ " - - - - " 1 80
122, " " " 4 " ¼ to ⅜ " - - - - " 2 20
43½, Scotia, - - - - - ¼ to ⅜ ¾ to 1 1⅛ to 1¼
Each, $0 50 0 65 0 75

SCOTIA, OR QUARTER ROUND.

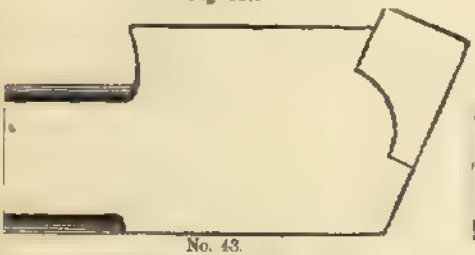
Fig. 366.



No. 43½

COVE.

Fig. 367.

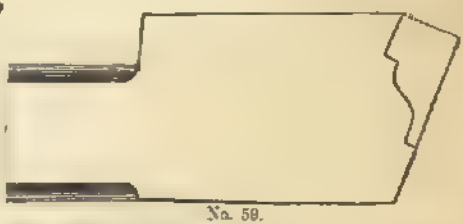


No. 43.

No. 43, Cove Plane. - ½ to ¾ ¼ to 1 1¼
Each, $0 50 0 65 0 75

OGEE.

Fig. 368.



No. 59.

No. 59, Common Ogee. ½ to 1 1¼ to 1½ 1¾ to 2
Each, $0 65 0 85 1 00

TABLE.

Fig. 369

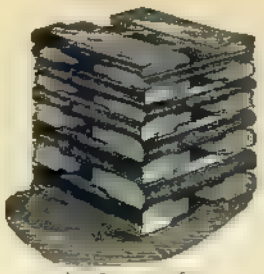
One Pair No. 136.

No. 136, Table Planes, with Gauge, ½ to ⅝ inch, - - - - per pair, $1 10

Planes.

HOLLOWS AND ROUNDS.

Fig. 370

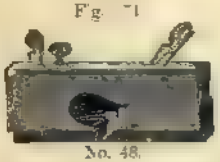


No. 72. One Set.

No. 72, Hollows and Rounds, per Set of 9 Pairs, Nos. 1 to 9,												$7 20
72, " " per Pair, 1 to 6,												75
72, " " " 4 to 9,												90
73, " " " 10 to 12,												1 10
Size and Circle of Nos.	1	2	3	4	5	6	7	8	9	10	11	12
Inches,	⅛	⅜	½	⅝	¾	⅞	1	1⅛	1¼	1⅜	1½	1⅝

DADO

Fig. 371



No. 48.

MATCH.

Fig. 372

One Pair. No. 75

No. 47. Dados, Brass Side Stop, ½ to 1, each, $1 10
48, " Screw " ½ to 1, " 1 50

No. 75. Board, Twin or Separate, ½ to 1, per pair, $1 25

NOSING.

Fig. 373

No. 89.

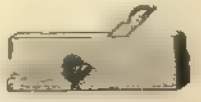
FILLETSTER.

Fig. 374

No. 74.

RABBET

Fig. 375



No. 116.

No. 89, Nosing Mouldings, ½ to ⅝,					each,	$0 80
89, " " ¾ to ⅞,					"	90
52, Filletster, with Cutter,					"	1 25
53, " " and Brass Side Stop,					"	1 40
54, " " " " and Boxed,					"	1 85
56, " " Brass Screw Stop and Boxwood Fence,					"	2 00
No. 116, Rabbet Skew,	Inches,	½ to 1	1¼ to 1½	1¾	1⅝	2
	Each,	$0 60	0 65	0 70	0 80	[illegible]
No. 117, Rabbet Skew, with Cutter and Boxed,	Inches,	½ to 1	1¼	1½	1¾	2
	Each,	$1 05	1 10	[illegible]	1 25	1 35
No. 119, Rabbet Skew, with Handle and Two Cutters, 1½ to 2 inches,					each,	$1 70
119, " " " Side Handle and Two Cutters, 1½ to 2 inches,					"	[illegible]

Wood Planes.

COMPARATIVE LIST OF NUMBERS OF THE DIFFERENT MANUFACTURERS

Ohio Tool Company	Auburn Tool Company	Chapin Tool Company	Greenfield Tool Company	Sandusky Tool Company	Ohio Tool Company	Auburn Tool Company	Chapin Tool Company	Greenfield Tool Company	Sandusky Tool Company	Ohio Tool Company	Auburn Tool Company	Chapin Tool Company	Greenfield Tool Company	Sandusky Tool Company
1	1	94	5	1	47½		[illegible]		61	97	60½	295	52½	120
[illegible]		1	23	[illegible]	48	177	[illegible]	[illegible]	62	98	41	94		121
3	7	1[illegible]½	38	[illegible]	49	100	225	201	80	99	42	24[illegible]		122
4	2			2½	50		224		80½	100	42	276		123
5				6	51	117	140	149	65	101	94	238		124
8	8	115	9	7	52	118	147	73	66	102	95	242	218	125
9	58	417	52	8	53	119	148	177	67	103	97			131
12	9	105	6	10	[illegible]	[illegible]	14	278	68	104	96[illegible]	40½	342	132
13	10			1	55	[illegible]	[illegible]	280	69	105	98			133
14	11	1[illegible]½		12	56	12½	[illegible]		73	106		44½		126
15	12	13	7½	13	57	123	[illegible]		1	107				127
16	14			14	58	124	144½	292	72	110 A				128
17	16	1[illegible]½	24½	15	58½		1[illegible]½		73	110 B		2,04½		128
18	17	16[illegible]	7	16	59	125	2[illegible]4	44[illegible]	74	110 C				129
19				17	59½		2[illegible]6½		76	118				136
20	19	106½		18	60	141	18	449	77	119	100			37
21	20	14	25	19	61	144	20[illegible]	105	79	1[illegible]4	81	162	663	144
22	21			20	62	197	90[illegible]	82	80	1	65			145
23	24	114½	26½	21	62½		2[illegible]7½		82½	1[illegible]	81	157	97	146
24	28	1	9	22	63½	126	206	183	83	17	8	58	22[illegible]	147
25				23	63	148	212	220	83	19	2	160	651	149
26	29	107½		24	64	150	14	327	84	19	53	2[illegible]9		149
27	9	1[illegible]5	28	25	65	147	214	343	85	20	151	75	661	150
28	1			6	66				86	121		156		151
29	47	15½	28½	27	68		226	15[illegible]	88	122	182	111	675	52
29C				25½	69		227	25[illegible]	89	123	18	141	7[illegible]	131½
29D	145	446	1[illegible]½	27½	70		227	57	90	124	184		725	53
30	190	4[illegible]	208	3	71			154	1	125	16[illegible]	183	689	55
31	47	43[illegible]	210	38½	72	180	65	274	92	126	15	187	[illegible]	156
31 A	46	431	16	48	24				96	127	163	91	68	157
31½	49	434	21[illegible]	9	72	181	7	3[illegible]	94		9	95	704	164
32	96	442	115	4	73	9	171	382	95	131½	158	2	704	165
32½	98	443	177	42		75	172	383	100	132	160	9	65	166
33		443		43	7	77	17	396	74	132½	169	4	72	167
34	192	46		44	75	74	17	39	103	13	165	1[illegible]	706	68
35	193	437		4	76	75	17[illegible]	400	103	133	168	162	708	69
36	102	122	39	5	80	76	78	417	104	4				170
37	105	123	47	47	8				107	4½			8	171
38	106	124	162	48	82	80	8	424	108	5			8	172
39	107	125	177	49	83				109	5½				173
40	9	22[illegible]	180	7	84	81	182		109½	6		18		174
41	98	26	30	8	85	9	184	415	109	132½	[illegible]			174½
42	108	27	18	52	8	158	[illegible]	434	110	136	185	18	73	175
43	156	213	210	56	9	180	182	435½	111	137	186	19	75	176
43½	155½	217		54½	9½	189	184	437	112	138	187	17	74	177
44½	158	218	5[illegible]½	34	9	190	186	438½	113	139½	115	4	75	178
44	97	229	218	35	9	189	188½	440	114	139½	116	4[illegible]	271	180
45	174	7	2[illegible]8	26	94	87	230	519½	116	139½	115	45	271	181
45½		2[illegible]		7	9	80	232	509	117	140	125	20		4
45½				58	96	89½	233	510	118	141	114			97
47	176	28	252	9	96½	90	234	526	119	151	...			98

QUADRUPLE SILVER PLATED WARE.

DINNER CASTERS.

No. 121. Satin Engraved Caster..$10 50
Six Bottles

No. 2207. Embossed Caster Six Bottles $10.20

No. 67 Chased Bell Caster .... >11 40
Six Bottles.

SHEEP SHEARS.

Fig. No D5655

TRADE MARK:
"KEEN KUTTER",
REGISTERED

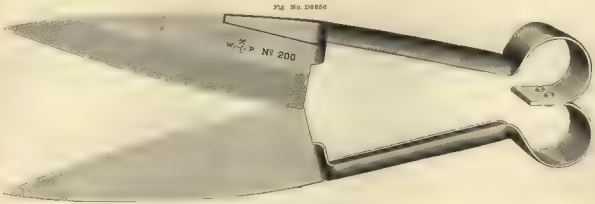
Keen Kutter.

Forged From One Solid Piece of Extra Quality Steel, Double Bows, Full Polished and Etched.

Straight Blades.	PER DOZEN.	Bent Blades.	PER DOZEN.
No. BBN-S P=6½ in., Plain Grip,	$16.50	No. BBN-B=5 in.,	$15.00
No. BBN-S P=7 in., Plain Grip,	17.50	No. BBN-B=5½ in.,	15.75
No. BBN-S/N—6½ in., Narrow Grip,	17.00	No. BBN-B=6 in.,	16.50
No. BBN-S N=7 in., Narrow Grip,	18.00		

One-half Dozen in a Box.

Fig. No D5656



Ward & Payne's.

Solid Steel, Double Bows, Full Polished, Not Etched.

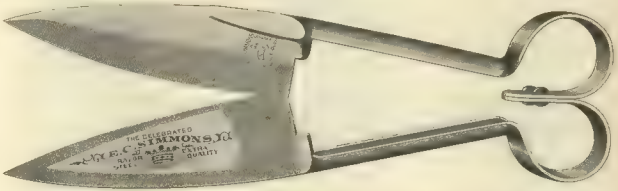
	PER DOZEN.
No. 200—6 in., Straight Blades,	$11.00
No. 200—6½ in., Straight Blades,	12 00
No. 200—7 in., Straight Blades,	13 00

One-half Dozen in a Package.

SHEEP SHEARS.

E. C. Simmons' Crown.

Fig No D8853

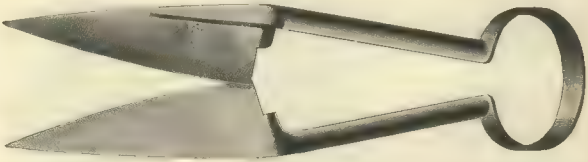


Forged from One Solid Piece of Extra Quality Steel, Double Bows, Full Polished and Etched

Straight Blades.	PER DOZEN.	Bent Blades.	PER DOZEN.
No. 88=6 in., Plain Grip,	$13.00	**No. 89=5 in.,**	$13.00
No. 88=6½ in., Plain Grip,	14.00	**No. 89—5½ in.,**	13.00
No. 88=7 in., Plain Grip,	15.00	**No. 89=6 in.,**	14.00

One-half Dozen in a Box.

Fig No D8834



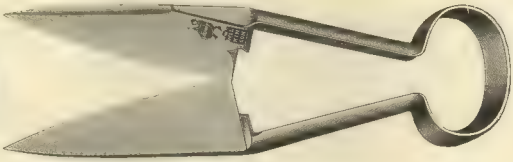
Forged from One Solid Piece of Extra Quality Steel, Single Bow, Full Polished, not Etched.

Straight Blades.	PER DOZEN	Bent Blades.	PER DOZEN.
No. 86=6½ in., Plain Grip,	$10.00	**No. 87=5 in.,**	$ 9.00
No. 86–7 in., Plain Grip,	11.00	**No. 87=5½ in.,**	9.00
		No. 87=6 in.,	10.00

One-half Dozen in a Package.

SHEEP SHEARS.

Fig. No. D5859.



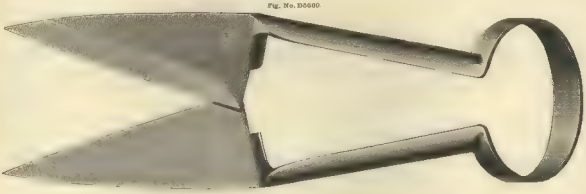
Genuine Wilkinson's.

Solid Steel, Machine Made, Bent Blades, Single Bow.

	PER DOZEN.
No. 3749—5½ **in.,** Black Bow, Half Polished Blades, not Etched,	$ 7.20
No. 3757 5½ **in.,** Full Polished and Etched **"True Vermonter",**	10.60
No. 3757 6 **in.,** Full Polished and Etched **"True Vermonter",**	11.05

SHEEP AND HORSE SHEARS.

Fig. No. D5860.



German.

Bent Blades, Single Bow.

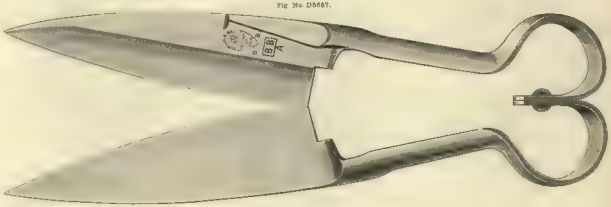
	PER DOZEN.
No. 1400 —5½ **in., Sheep Shears,** Glazed Blades,	$5.25
No. 1086 —5½ **in., Sheep Shears,** Three-quarter Polished Blades,	7.25
No. 1087G—Horse Shears, Glazed Blades, **8 in. Full Length,**	5.25
No. 314 —**Horse or Mule Shears,** Full Polished Blades, **9 in. Full Length,**	7.50

One-half Dozen in a Package.

SHEEP SHEARS.

Burgon & Ball's.

Fig No. D5667.

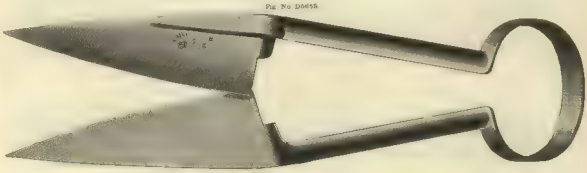


No. BBA.

Forged from One Solid Piece of Extra Quality Steel, Straight Blades, Double Bows, Full Polished, not Etched.

Plain Grip.	PER DOZEN.	Narrow Grip.	PER DOZEN
No. BBA-S/P—6½ in.,	$18.50	**No. BBA-S/N—6½ in.,**	$19.00
No. BBA-S/P—7 in.,	19.50	**No. BBA-S/N—7 in.,**	20.00

Fig No. D5658.



Forged from One Solid Piece of Extra Quality Steel, Single Bow, Full Polished, not Etched.

Straight Blades.	PER DOZEN.	Bent Blades.	PER DOZEN.
No. 08R—6½ in.,	$10.00	**No. 7R—5 in.,**	$ 9.00
No. 08R—7 in.,	11.00	**No. 7R—5½ in.,**	9.50
		No. 8R—6 in.,	10.00

One-half Dozen in a Package.

SIMMONS HARDWARE COMPANY

HORSE OR MULE SHEARS.

Fig. No. D5669

Keen Kutter.

Forged from One Solid Piece of Extra Quality Steel, Single Bow, Flat Polished, not Etched.

	PER DOZEN.
No. 100 Keen Kutter, 9½ in., Trowel Shank, Full Swaged, Spear Point Pattern, ...	$10.00

One-half Dozen in a Package.

GRASS SHEARS.

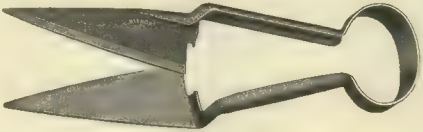
Fig. No. D5669

German.

	PER DOZEN.
No. 90—6 in., Straight Blades, Single Bow, Half Polished, ...	$7.25

One-half Dozen in a Package.

Fig. No. D5684



Bishop's.

	PER DOZEN.
No. 94—6 in., Bishop's Blue Grass, Single Bow, Trowel Shank, Natural Oil Finish,	$10.00

One-half Dozen in a Box.

SCHOTT BROS. BUTTON MAKING MACHINE.

IMPROVED.

PRICE $7.50 EACH, NET CASH.

Every retail dry goods house should be supplied with the above machine

A machine by which a merchant can at once have first class buttons made (of any size) out of same material as costume, cloak, coat or jacket is made. No bother matching shades

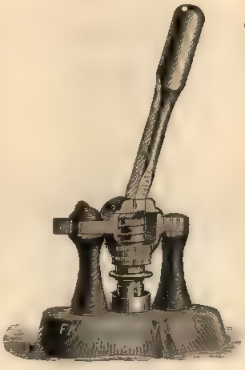
It is in use now by all the leading dry goods establishments of the United States.

It is simple in mechanicism; unequaled in every way; best and cheapest machine made for the purpose; gives entire satisfaction, and has come to stay.

It cuts the cloth blanks, and makes all the leading sizes of buttons on one and the same machine. Directions for using with every machine

The moulds, whose cost is very small, are the same as those used on the finest braid buttons

What better match can there be, than a button made of the same material?



One-fourth size cut, weight 6½ lbs., machine complete to make three sizes, either 22 or 24 line, please state which, also 30 and 36 line; Moulds charged extra, 18 line 25c., 5 gross in box; 22 line 30c., 24 line 30c., 30 line 40c., 36 line 50c., 1 gross in box.

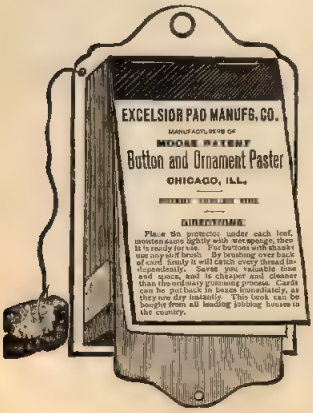
Sets of tools to make 18 line buttons, $1 50, net cash, extra.

Directions for the use of Schott Brothers Button Machine.

In making buttons of thin material use a size larger cutter, that is use coat size cutter to make a vest size button, also use two thicknesses of material. We find that canvas such as tailors' use for stiffening coats answers admirably for the inside material

There is no larger cutter than the thirty-six line that goes with the machine, but find that in the larger buttons the mould covers nicely with the same size cutter We also have a sixty line cutter and tools for Directoire buttons, used for trimming the skirts of dresses in place of woods moulds—which come extra —$1 00 for cutter; $2 00 for die, moulds $1 00 per gross, net cash

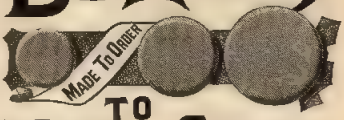
EXCELSIOR BUTTON PASTER.



Button pasters, 1,000 in box .....per 1,000, $2 00

Terms, 1 per cent. ten days.

BUTTONS



TO MATCH GOODS

SEND YOUR PIECES AND WE WILL MAKE BUTTONS FOR YOU OF ANY SIZE.

We can furnish these attractive circulars:

500 blanks for name	$0 65
1000 " " "	1 00
1000 with name and address	1 25
3000 " " " "	3 00
5000 " " " "	4 50

A neat button sample card, 11x14, 25 cents each.

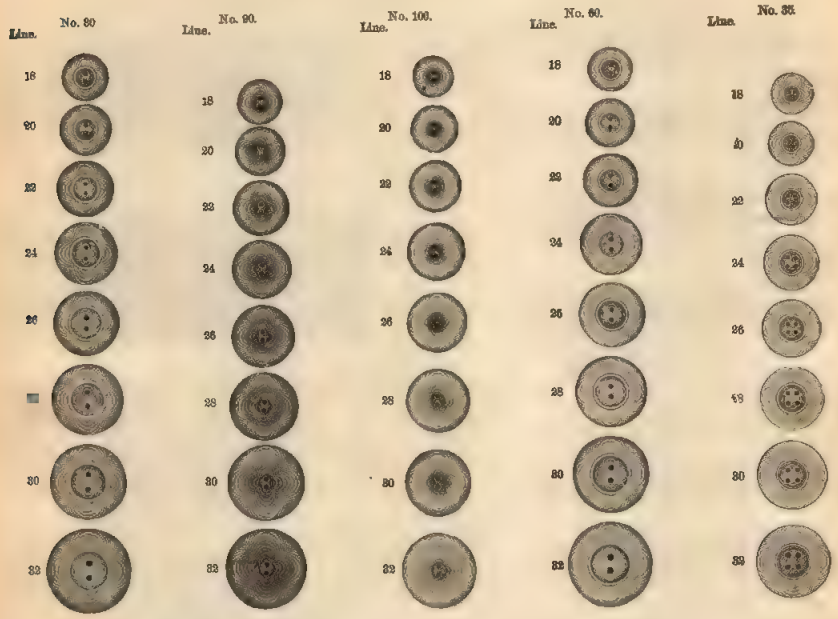
Also a neat button show card, 7x11 inches, printed on heavy cardboard in red, 5c each or 6 for 25c.

Terms, net cash.

RUBBER BUTTONS.

PRICES PER GROSS.

PEARL BUTTONS.



PEARL BUTTONS.

	16	18	20	22	24	26	28	30	32	34	36	38	40
No. 548 Green Label													
" 1890. Blue "													
" 80. Firsts													
" 60. Seconds .													
" 500. "													
" 90 Smoked . . .													
" 100. Superfine . . .													
" 200. Half Super.													
" 550. ½ Fine . . .													
" 300. Natural													
" 400 Half Natu'l													
" 35. 4-hole Firsts													
" 65. " 2d's													
" 250. " Super													

BALL PEARL BUTTONS.

	No. 100. ¼ Full.	No. 101. ½ Full.	No. 102. Full.	No. 103. ¼ Full.	No. 104. Full.
Line.		14	16	18	20 / 22
No. 100.	—	—	—	—	— / —
" 101.	—	—	—	—	— / —
" 102.	—	—	—	—	— / —
" 103.	—	—	—	—	— / —
" 104.	—	—	—	—	— / —

PEARL BALL BUTTONS.—Continued.

	No. 105.	No. 106.	No. 107.	No. 108.	No. 109.
Line.			16.	18.	20.
No. 105.			—	—	—
" 106.			—	—	—
" 107.			—	—	—
" 108.			—	—	—
" 109.			—	—	—

PEARL SHIRT BUTTONS.

	No. 46.	No. 25.	No. 460	No 48.	No. 454	No. 464.
Quality	A.	16 line, $	per gross.	Quality	F	16 line, $ per gross.
"	B.	"	"	"	O.	16 " "
"	C.	"	"	"	G.	14 " "
"	D.	"	"	"	X.	18 " "
"	E.	"	"	"	Z.	18 " "

AGATE BUTTONS.

COMMON AGATE BUTTONS.

Lentille.

Cannele.

Bourrelet.

Black Lentille.

Printed Lentille.

Two Rim Lentille.

Nos.	1½	20	30	40	50
Plain white Lentille, per gt. gro.,	$0 27	$0 68	$0 82	$0 95	$1 09
White Cannele "	33	78	94	1 08	1 24
" Bourrelet . "	31½	76	91	1 05	1 21
Black Lentille .... "	53	95	1 20	1 41	1 64

Nos.	1½	20	30	40	50
Printed Lentille ... per gt. gro.,	$0 86	$1 64	$2 14	$2 42	$2 71
Two-rim Lentille " "	1 43	2 42	3 00	3 71	4 13
Broad band Lentille "	1 43	2 42	3 00	3 71	4 13
Mineral Lentille .. "	69	1 10	1 43	1 57	1 92

PEARL ACATE BUTTONS.

Lentille.

Cannele.

Bourrelet.

Two Hole.

Biseau.

SIZES OF PEARL ACATE BUTTONS.

Nos. 73 74 76 78 80 81 82

Nos.	73	74	76	78	80	81	82
Lentille .. ..per great gross,	$0 68	$0 68	$0 70	$0 71	$1 50	$1 92	$2 37
Bourrelet..... . "	71	71	73	74	1 53	2 00	2 42
Cannele .... .. "	71	71	73	74	1 53	2 00	2 42
Perle's and 2 hole.. "	71	71	73	74	1 53	2 00	2 42
Biseau or Raised . "	71	71	73	74	1 57	2 07	2 71

SERIES 67. WHITE IMPERIAL ACATES.

Lines,	16	18	20	22	24	26
Per gross,	$0 11	$0 13	$0 15	$0 17	$0 20	$0 24

BALL ACATES.

	Nos.	5	7
Serie 110, white ....per gross,		$0 31	$0 34
" 110, buff..... "		34	36
" 110, blue ... . "		34	36
" 110, steel..... "		34	36
" 110, red ..... "		36	39
" 112, ivory ..... "		27	29

PEARL SHANKED ACATES.

No. 2005. Round and pointed.

5-line..... .... per gross,	$0 33
7-line..... . ... "	37

All Agate Buttons Net Cash.

LINEN LACE BUTTONS.

One Gross on Card.

Nos.	2	3	3¼	3½	3¾	4	4¼	4½	4¾	5	6
Per gross,	$0 60	$0 65	$0 68	$0 70	$0 72	$0 75	$0 78	$0 80	$0 85	$0 90	$0 95

BUTTON MOULDS.

Lines,	18	20	22	24	26	28	30	36	40	50	60	70
Convex, per gross,	$0 05	$0 05	$0 05	$0 05	$0 06	$0 06	$0 08	$0 10	$0 12	$0 15	$0 22	$0 35
Dome, "	05	05	05	05	06	06	08	10	12	15	22	35

LADIES' CLOAK AND DRESS WEIGHTS.

No. 1. 100 in box . ... per box, net cash,	$0 25
" 2. 100 " .... " "	35
" 3. 100 " .. .. " "	55
" 4. 100 " . .. . " "	75

These weights are used extensively throughout the country by cloak and dress makers for putting into the points of basques, cloaks, suits, jerseys and dresses to effect the graceful hanging of the garment to the form. They are made of the finest quality of lead, and of the most desirable shape, and are packed 100 pieces in box.

UNDERWEAR BUTTONS.

18 line. Linen bar.....per great gross,	$1 80
24 " " " ..... " "	2 25

SHOE BUTTONS.

18

17

16

Bulk. All sizes..... ... .per great gross,	$0 40
Carded. " . . . . " "	50
Same in colors: Chocolate, bronze, tan and red, in 17 line, per great gross, net cash , ...	$2 50

READ THE PREFACE BEFORE ORDERING.

GENUINE ALUMINUM METAL BUTTONS.

Are light and do not tarnish. Styles as per cut, but without Button Fasteners.

No. 397 Per gross .$1 75
" 396. Size smaller .per gross, $1 50

No. 481. Per gross .$2 00

No. 483. Per gross..$2 00

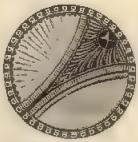
No. 485. Per gross..$2 00

No. 487. Per gross..$2 00

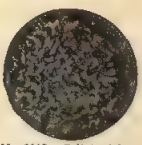
FINE FANCY DRESS BUTTONS.

No. 1025. Jet, line 24, per gross $2 25
Line 45 per gross, 6 00
Colors Black, black and steel, steel.

No. 1046. Jet, line 22, per gross $2 25
Line 45. . . per gross, 6 00
Colors Black, black and steel, steel.


No. 9712. Metal and jet combination, line 22, per gross. $3 00
Line 45 per gross, 7 00

No. 9612. Metal and jet combination, line 22, per gross $2 25
Line 45 per gross, 6 00


No. 9912. Celluloid front, metal back, line 24, per gross $2 00
Line 45. . . per gross, 4 50

SUSPENDER BUTTONS.

Brass.
No. 90-27 . . . $0 70
" 90-27 . . . 80

Japanned.
No. 1-22 . . . . . $0 45
" 1-27 . . . 50

Black Horn.
22 line. $0 70
27 " . . . 75

Per great gross.

Japanned Bar.
No. 12-22. Per great gross. . $1 00
" 12-27. " " . 1 15

Brass Bar.
No. 15-22. Per great gross. . $1 75
" 15-27 " " . 2 00

WHITE BONE SUSPENDER BUTTONS.

		22	24	27
First quality	per great gross,	$1 50	. . . . .	$1 70
Second "	" "	1 10	. . . . .	1 55
Stud backs.	" "	2 62½	$2 87½	3 12½
2-hole corset buttons, white bone,	" "	2 62½	2 87½	3 12½

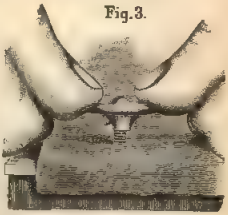
HAND SNAP BUTTONS.

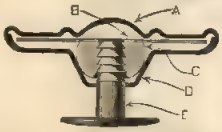
WEDGE BUTTON.

In black, white, gilt.

Line 22 . per gross, $0 55
" 27. 60

Fig. 3.





Enlarged section, showing internal construction.

"A" upper shell, "B" paper cushion, "C" gripping jaws, "D" under shell, "E" shank, having parallel grooves, *not screw threads*, so that when once pressed into the button it can never be taken out.

SUSPENDER BUTTONS.

Three Standard Styles.

No. 271. White, 27 line. . . . . per gross, net, $0 60
" 272. Black, 27 " . . . . " " 60
" 273. Brass, 27 " . . . . " " 60

FLY BUTTONS. (For Pants.)

Three Standard Styles.

No 221 White, 22 line. . . . . per gross, net, $0 55
" 222 Black, 22 " . . . . . " " 55
" 223. Brass, 22 " . . . . . " " 55

UNDERWEAR "HAND SNAP."

No. 22L. Per gross. $0 70
" 27L. " 75

These Buttons are quickly attached without sewing and never lose their grip.

READ THE PREFACE BEFORE ORDERING.

COOPERS' TOOLS.

Fig. No. D337

Hoop Knives.

No. 132—Barton's,	Inches,	**7**	**8**	**9**	**10**
	Per dozen,	$11.25	13.25	15.25	17.25
White's,	Inches,	**7**	**8**	**9**	**10**
	Per dozen,	$11.25	13.25	15.25	17.25

Fig. No. D338

Backing Knives.

No. 129—Barton's Backing Knives,	Inches,	**7**	**8**
	Per dozen,	$12.50	14.50

PER DOZEN.

No. 133 Barton's Paring Knives, 8 in., . $13 25

Fig. No. D339

Heading Knives.

No. 127 Barton's,	Inches,	**10**	**12**
	Per dozen,	$18.50	22.50

Fig. No. D340

Stave Knives.

PER DOZEN.

No. 128—Barton's, 8 in., . . $14.50

One-quarter Dozen in a Package.

Fig. No. D341

Hollowing Knives.

PER DOZEN.

No. 130—Barton's, 7 in., $12.50

One-quarter Dozen in a Package.

Fig. No. D342

Chamfer Knives.

Right Hand.

No. 134—Barton's,	Inches,	**4**	**5**	**6**	**7**
	Per dozen,	$15.00	18.50	22.50	26.50

One-twelfth Dozen in a Package.

Fig. No. D343

Shave-Up Knives.

PER DOZEN.

No. 131—Barton's, 7 in., ... $12 50

One-quarter Dozen in a Package.

COOPERS' TOOLS.

Fig. No. D344.

Scrapers.

	PER DOZEN.
No. 139 Barton's, Coopers' Scrapers,	$6.00

Fig. No. D345

Coopers' Hammers, Handled.

	PER DOZEN.
No. 162 Barton's, 3½ to 4½ lbs., **Steel Face,**	$13.00
No. 163—Barton's, 3½ to 4½ lbs., **Solid Cast Steel,**	22.00

Fig. No. D346

V Irons.

	PER DOZEN
No. 143 Barton's,	$2.50

Fig. No. D347

Raising Irons.

	PER DOZEN.
No. 140—Barton's,	$3.00

Fig. No. D348

Vises.

	PER DOZEN.
No. 158—Barton's,	$5.00

HOOP DRIVERS.

Fig. No. D349

Short and Oval.
Not Handled.

	PER DOZEN.
No. 166 Barton's,	$11.25

Fig. No. D350.

Nantucket.
Not Handled.

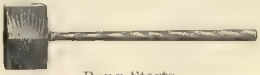
	PER DOZEN.
No. 165—Barton's,	$7.50

Fig. No. D351

Hickory.
With Rings.

	PER DOZEN.
No. 169 Barton's,	$3.80

Fig. No. D352



Bung Starts.

	PER DOZEN.
No. 207—Bung Starts,	$3.00

Fig. No. D353

Fig. No. D354

Coopers' Cold Chisels

	PER DOZEN.
No. 155 -Barton's, ⅞ in. Cut,	$5.00

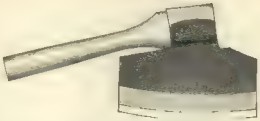
Double Rivet Sets.

	PER DOZEN
No. 153—Barton's,	$15.00

COOPERS' TOOLS.

Fig. No. D354

Fig. No. D353



Handled Adzes

PER DOZEN.

No. 123 **Barton's, Tight Barrel,** No. 1, Width of Cut, 3 in.; Weight, each, 4 lbs., $30.00

No. 124A **Barton's,** No. 1½, Width of Cut, 2⅞ in.; Weight, each, 3½ lbs., . 28 50

No. 125 **Barton's, Flour Barrel,** No. 2, Width of Cut, 2¾ in.; Weight, each, 3 lbs., 27 00

Handled Axes.

PER DOZEN

No. 119 **Barton's, Tight Barrel,** No. 1, Width of Cut, 10 in.; Weight, each, 4¼ lbs., $33.00

No. 120A—**Barton's,** No. 1½, Width of Cut, 9¾ in.; Weight, each, 4½ lbs., . . 30 00

No. 121 —**Barton's, Flour Barrel,** No. 2, Width of Cut, 8¾ in.; Weight, each, 3¾ lbs., 27.00

Fig. No. D356

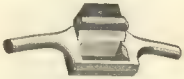
Levelers.

PER DOZEN.

No. 191—**Barton's,** Beech, $10.50

No. 192 **Barton's,** Applewood, . . 13.00

Fig. No. D357

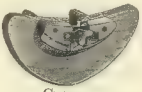


Head Floats.

PER DOZEN.

No. 196—**Barton's,** Lignumvitæ Face, 4½ in., Iron, . . $45.00

Fig. No. D359



Crozes.

PER DOZEN.

No. 178 —**Barton's,** Tight Barrel, **Beech** Boards, $13.50

No. 178A **Barton's,** Tight Barrel, **Applewood** Boards, . . 21.00

Fig. No. D358

V Crozes

PER DOZEN.

No. 172 **Barton's, Lignumvitæ Face,** $16.50

No. 172A—**Barton's, Brass Face,** 15.00

Fig. No. D360

Tight Barrel Howels.

PER DOZEN.

No. 177 **Barton's, Beech** Boards, . $17.50

No. 177A—**Barton's, Applewood** Boards, . 21.00

Fig. No. D361.

Coopers' Jointers.

Barton's.

PER PAIR

No. 204—**Short, Applewood, 2 ft. 10 in.,** Double Irons, ... $5.00

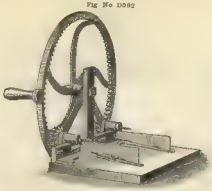
No. 206—**Long, Applewood, 4 ft. 4 in.,** Double Irons, ... 5.50

One Stave and One Heading Jointer make a Pair.

SIMMONS HARDWARE COMPANY

COOPERS' DOWEL MACHINES.

Fig No D382

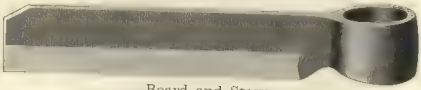


Dowel Machines.

No. 150—Coopers' Dowel Machines, Merchants' Patent, ... PER DOZEN. $54.00

COOPERS' FROES.

Fig No D383



Board and Stave.

Pittsburg Board, Iron, with Steel Cutters, Axe Finished,	Inches,	**10**	**12**
	Per dozen,	$13 50	14 00

Average Weight per Dozen, 10 in., 33 lbs.; 12 in., 39 lbs.

Arkansas Board, Hand Made, Extra Cast Steel, Oil Tempered, Natural Color,	Inches,	**8**	**10**	**12**
	Per dozen,	$14.50	15.00	15.50

Average Weight per Dozen, 8 in., 42 lbs.; 10 in., 48 lbs.; 12 in., 52 lbs.

Ozark Stave, Hand Made, Extra Cast Steel, Oil Tempered, Natural Color,	Inches,	**8**	**10**
	Per dozen,	$14 00	14 50

Average Weight per Dozen, 8 in., 27 lbs.; 10 in., 30 lbs.

Two Dozen in a Case.

SPOKE SHAVES.

Fig No D384

Barton's, Coopers'.

No. 138—Barton's, Coopers', Double Iron, Wood Handle, ... PER DOZEN. $12.50

Fig No D385.

Fig No D386

Beechwood.

No. 20—Plain, Beechwood, with 3 in. Cast Steel Cutter, ... PER DOZEN. $4.15

No. 22 Plated, Beechwood, with 3 in. Cast Steel Cutter and Brass Set Screw, . . PER DOZEN. $10.50

One-half Dozen in a Box.

SIMMONS HARDWARE COMPANY

SPOKE SHAVES.

Fig. No. D367

PER DOZEN.

No. 1—Cast Steel, Single Cutter, 2 in., ... $2.00

One-half Dozen in a Box.

Fig. No. D368

Chamfer, Adjustable Raised Handle.

PER DOZEN

No. 65—10 inches in Length, 1⅝ in. Cutter, . $6.00

One-half Dozen in a Box.

Fig. No. D369

Iron.

PER DOZEN.

No. 3—1¼ in. Double Cutter, Hollow and Straight, $3.25

One Dozen in a Box.

Fig. No. D370.

Bailey's, Adjustable Raised Handle.

PER DOZEN.

No. 53—10 inches in Length, 2⅛ in. Cutter, . $4.50

One Dozen in a Box.

Fig. No. D371.

Bailey's, Double Iron, Hollow Face.

PER DOZEN.

No. 55—10 inches in Length, 2⅛ in. Cutter, . $3.00

One Dozen in a Box.

Fig. No. D372.

Stearns'.

PER DOZEN.

No. 2 1¾ in. Double Cutter, Concave and Straight, $3.00

Fig. No. D373

Stearns'.

PER DOZEN.

No. 5 2⅛ in. Cutter, Adjustable Cap, . . $3.50

One-half Dozen in a Box.

Fig. No. D374

Goodell's.

PER DOZEN

Goodell's, Circular, 2⅛ in. Cutter, to work in small circles, ... $9.00

One Dozen in a Package.

Fig. No. D375

Cut showing Front View.

Fig. No. D376

Cut showing Back View.

Champion.

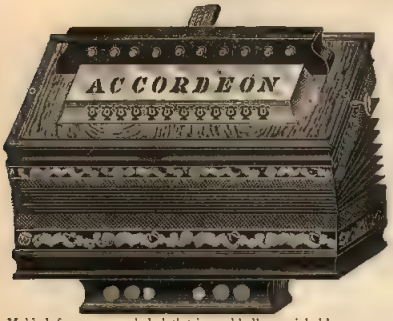
PER DOZEN.

Champion, Adjustable and Reversible, Black Enameled Handle, ... $9.00

Can be adjusted to cut fine or coarse. Will cut on a flat surface and can be reversed to **cut on a small curve.**

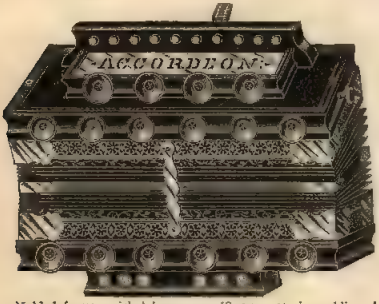
One-twelfth Dozen in a Box.

GERMAN ACCORDEONS.

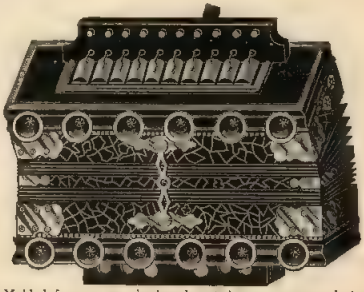


Molded frame, enameled cloth trimmed bellows, nickel key cover.
No. 3100. 10 keys, 1 stop, 2 sets of reeds ..... each, $1 38

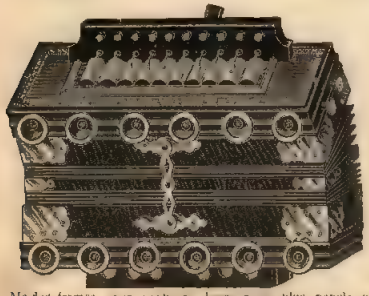
Molded frame, nickel key cover, corners and clasps, double bellows.
No. 3103. 10 keys, 1 stop, 2 sets of reeds.....each, $1 70



Molded frames, nickel key cover, 12 trumpets in molding, 4 in key cover, corners and clasps, double bellows.
No. 3101. 10 keys, 1 stop, 2 sets of reeds, 16 nickel trumpets, nickel corners .....each, $1 85



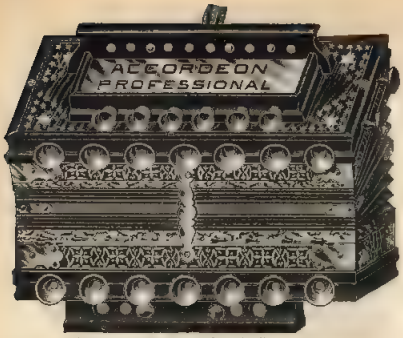
Molded frames, open keyboard, nickel keys, corners and clasps, double bellows.
No. 3104. 10 keys 2 stops, 2 sets of reeds.....each, $2 00



Molded frames, open keyboard, broad reeds, blue panels with figured gilt border, nickel keys, corners and clasps, double bellows.
No. 3102. 10 keys, 2 stops, 2 sets of reeds.....each, $2 20

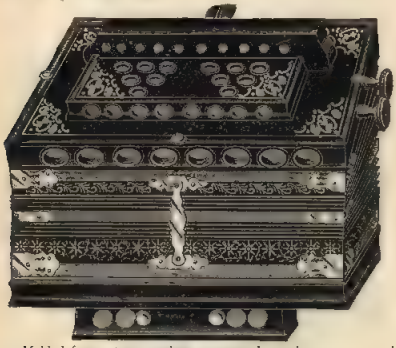
Grooved molding, open keyboard, broad reeds, nickel keys and guard, blue panels, marbleized trumpets, corners and clasps double bellows.
No. 3105. 10 keys, 2 stops, 2 sets of reeds..... each, $2 40

READ THE PREFACE BEFORE ORDERING.

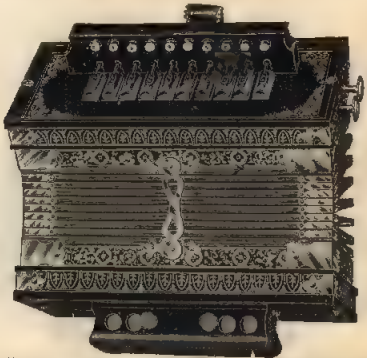


Molded frames, panels stamped with silver stars, nickel corners and clasps, double bellows.
No. 3106. 10 keys, 2 stops, 2 sets of reeds, 14 nickel trumpets in molding, 6 in key cover ..... each, $2 75

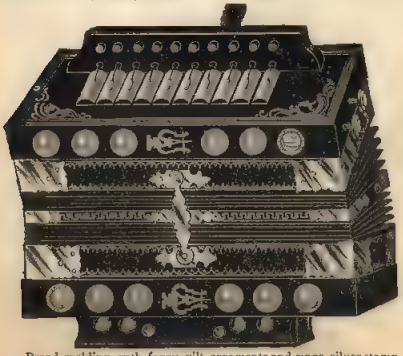
Molded frame, nickel ornamented panels, 16 fancy trumpets in molding, 10 in key cover, corners and clasps, triple bellows.
No. 3109. 10 keys, 2 stops, 2 sets of reeds..... each, $3 15



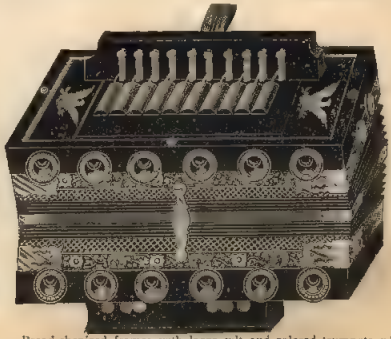
Molded frame, fancy nickel ornamented panels, mirror sound-rings, nickel corners and clasps, double bellows.
No. 3107. 10 keys, 2 stops, 2 sets of reeds, *tuned in octaves*..each, $2 75



Ebonized moldings and panels, gilt ornaments and keys, molded frames, open keyboard, patent bellows with metal corners.
No. 3110. 10 keys, 2 stops, 2 sets of reeds. ... ... each, $3 80



Broad molding with fancy gilt ornaments and rings, silver stamping on panels, nickel keys, corners and clasps, double bellows.
No. 3108. 10 keys, 2 stops, 2 sets of reeds .....each, $3 50



Broad ebonized frames with large gilt and colored trumpets, gilt edge and eagles on panel, nickel keys, sunken keyboard, corners and clasps, double bellows.
No. 3111. 10 keys, 2 stops, 2 sets of reeds.....each, $3 50

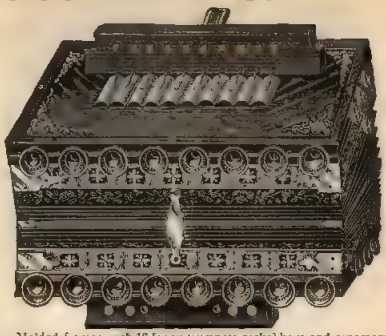
GERMAN ACCORDEONS.

Molded frames, bronzed panels, open keyboard, copper bronzed metal keys and guard nickel corners and clasps, double bellows.

SUPERIOR QUALITY, WITH GERMAN SILVER REEDS.

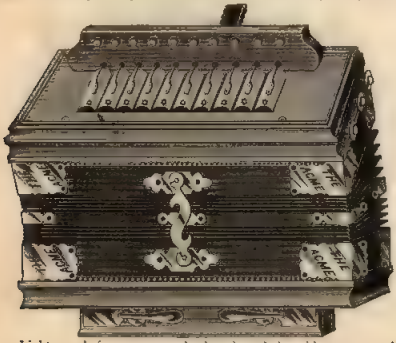
Each.

No. 3118. 10 keys, 4 stops, 2 sets of reeds, *tuned in thirds* (*chords*), $3 20



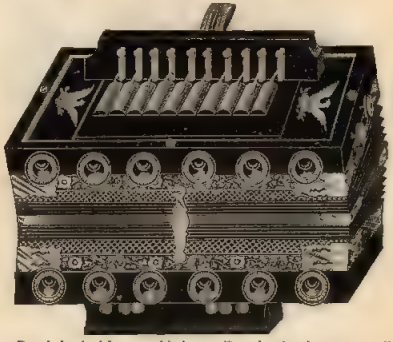
Molded frames, with 16 fancy trumpets, nickel keys and ornaments on panel, corners and clasps, double bellows

No. 3121. 10 keys, 7 stops, 2 sets of reeds, *tremolo* .....each, $3 70



Light wood frames, open keyboard, nickel molding on panel, nickel keys, leatherette bellows, flannel lined leather straps, nickel corners and clasps, double bellows.

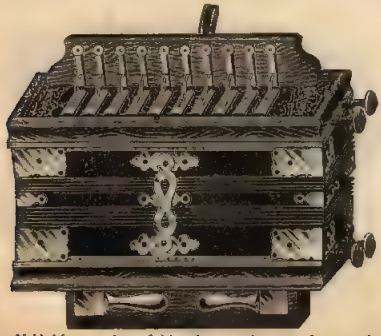
No. 3119. 10 keys, 3 stops, 3 sets of reeds ....each, $4 60



Broad ebonized frames with large gilt and colored trumpets, gilt edge and eagles on panel, nickel keys, sunken keyboard, corners and clasps, double bellows.

Each.

No. 3122. 10 keys, 2 stops, 2 sets of reeds, *vox humana attachment*, $4 10



Molded frames, cherry finish, silver maple top, sunken open keyboard, fancy hardwood keys, imitation leather bellows, nickel corners and clasps, double bellows.

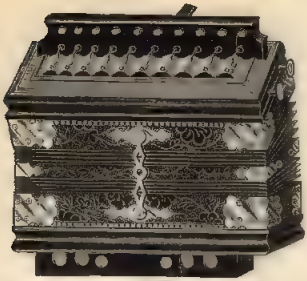
No. 3120. 10 keys, 4 stops, 2 sets of reeds .....each, $4 95

Imitation mahogany moldings and panels, sunken keyboard, nickel keys, corners and clasps, double bellows.

No. 3123. 10 keys, 2 stops, 2 sets of reeds ... . each, $3 75

GERMAN ACCORDEONS.

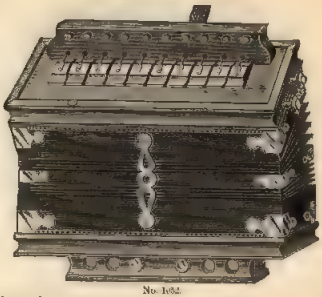
MINIATURE.



No. 1049.

Ebonized moulding nickel edge open key-board, nickel keys with gilt stars, bronzed panel corners and clasps, double bellows

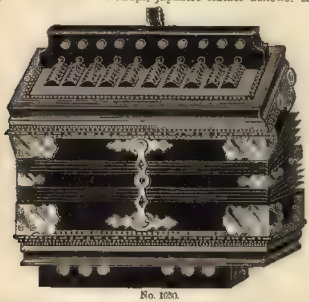
No. 1048, 10 keys, 2 stops 2 sets of reeds.....each $1 65
" 1049 10 " 2 " 2 " " grooved and beaded moulding, flannel lined leather straps, Japanese leather bellows. each, 2 00



No. 1052.

Light wood natural color, open key board, imitation leather bellows, nickel corners and clasps, double bellows

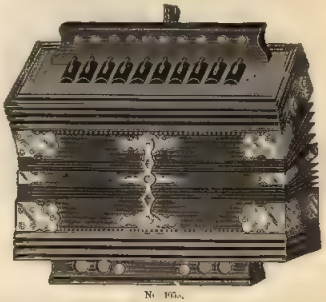
No. 1052. 10 keys, 2 stops, 2 sets of reeds.....each, $2 35



No. 1050.

Bronzed and beaded mouldings and panels, open key board, flannel lined leather straps, nickel corners and clasps, double bellows

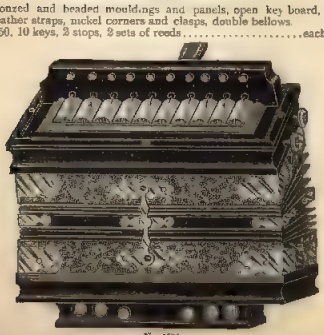
No. 1050. 10 keys, 2 stops, 2 sets of reeds.....each, $2 20



No. 1053.

Broad fluted mouldings ebonized keys mahogany panels, open key board, imitation leather bellows, nickel corners and clasps, double bellows.

No. 1053, 10 keys, 2 stops, 2 sets of reeds.....each, $2 35



No. 1051.

Moulded frames, nickel keys extra broad reeds, corners and clasps, double bellows

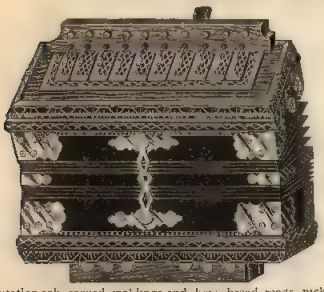
No. 1051. 10 keys, 2 stops, 2 sets of reeds, fancy figured gilt paper on bellows frames .....each, $2 50

No. 1054.

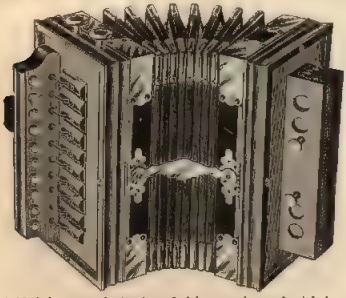
Ebonized mouldings nickel covered bellows frames with fancy ornamented rings, gilt corners and clasps, double bellows.

No. 1054. 10 keys, 2 stops. 2 sets of reeds .....each, $3 10

GERMAN ACCORDEONS.

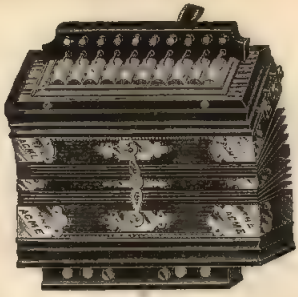


Imitation oak, carved moldings and keys, broad reeds, nickel corners and clasps, double bellows, flannel lined leather straps
No. 3112. 10 keys, 2 stops, 2 sets of reeds.. . .. . each, $2 20

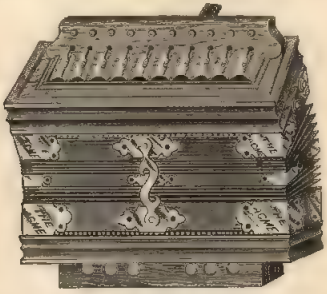


Molded frames, oak finish, nickel keys and guard, nickel corners and clasps, patent bellows with nickel protectors.
No. 3113. 10 keys, 2 stops, 2 sets of reeds. .. .. each, $3 15

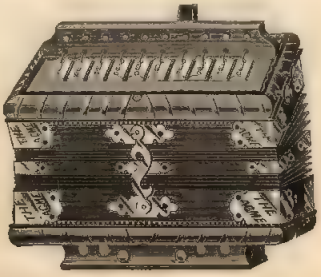
Broad antique oak grooved moldings, open keyboard, nickel keys and guard, fine quality leather straps.
No. 3114. 10 keys, 2 stops, 2 sets of reeds. .. .. . . each, $3 70



Broad grooved ebonized mouldings, imitation oak panels, nickel keys and guard, flannel lined leather straps, nickel corners and clasps, double bellows.
No. 3115. 10 keys, 3 stops, 3 sets of reeds.....each, $3 15



Light wood moldings and panels, leatherette bellows, nickel keys and guard, flannel lined leather straps, nickel corners and clasps, double bellows.
No. 3116. 10 keys, 2 stops, 2 sets of reeds.....each, $2 85



Light wood moldings with nickel bands, nickel ornamented keys, open keyboard, leatherette bellows, nickel corners and clasps, flannel lined leather straps, double bellows.
No. 3117. 10 keys, 2 stops, 2 sets of reeds, *miniature*.....each, $3 55

HARMONICAS.

No. 1143. 10 single holes, brass reed plates, nickel covers, with 1 bell ..... per doz., $3 00
" 1144. 10 " " " " " " " 2 bells ..... " 5 00

THE MONTE CRISTO -IN SETS.

No. 3160. 10 single holes steel bronze reeds, nickel reed plates, in sets of 3, in fine silk plush case, assorted keys, 1 with copper, 1 silver and 1 gilt sides ..... each, $1 00

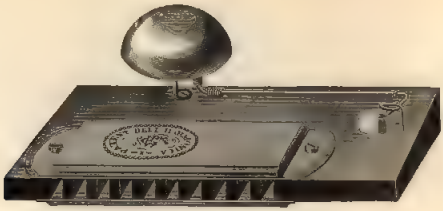
THE ALCAZAR—IN SETS.

No. 3161. 10 double holes, steel bronze reeds, nickel reed plates, in sets of 3, in fine silk plush case, assorted keys, 1 with copper, 1 silver and 1 with gilt sides ..... each, $1 60

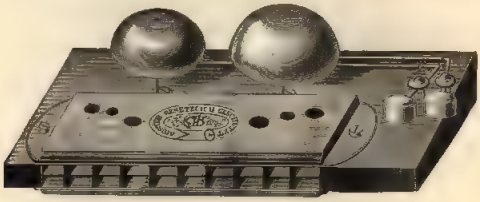
No. 1134. 32 double holes, brass reed plates, gilt and fancy enameled covers flowers, etc ..... per doz., $10 75
" 1135. 40 " " " " " " " " " " ..... " 12 75

No. 1136. 32 double holes, brass reed plates, gilt and fancy enameled covers flowers, etc ..... per doz., $11 35
" 1137. 40 " " " " " " " " " " " ..... " 13 75

HARMONICAS.



No. 1151. 10 single holes, brass reed plates, German silver covers, 1 bell.....per doz., $2 85
" 1152. 10 " " " " " " " 2 bells ..... " 3 75



No. 1153. 10 double holes, brass reed plates, engraved German silver covers, 1 bell.....per doz., $5 15
" 1154. 10 " " " " " " " " 2 bells..... " 6 50

No. 1155. 24 double holes, brass reed plates octave and tremolo, nickel covers .....per doz., $5 75
" 1156. 32 " " " " " " " " " " " " " 7 20
" 1157. 40 " " " " " " " " " " " " " 8 65

No. 1158. 24 double holes, zinc reed plates, nickel covers, ...per doz., $2 25
" 1159. 32 " " " " " " " " " " " " " 2 90

HARMONICA POUCHES.

No. 3154. Calf leather for 10-hole concert harmonicas ..... per doz., $1 00
" 3154 " " " Richter mode 1 15

HARMONICAS.

No. 1107. 8 holes, zinc reed plate, nickel covers per doz., $0 38
" 1108. 10 " " " " " " .... " 42

No. 1109. 10 single holes, nickel covers.. ... per doz., $0 50
" 1110. 20 " " " " ..... " 1 00

No. 1113. 10 single holes, white reed plates, nickel covers, per doz., $0 75

No. 1114. 10 single holes, brass reed plates, nickel covers, per doz., $1 00

No. 1116. 10 double holes, brass reed plates, nickel covers, per doz., $1 70

No. 1115. 10 single holes, brass reed plates, nickel cover, per doz., $1 50

No. 3155. 10 single holes, steel bronze reeds, nickel reed plates, per dozen $1 90

No. 3156. 10 single holes, white reed plates, *steel reeds*, nickel covers..... ..... per doz., $1 10

No. 1117. 10 double holes, brass reed plates, German silver engraved covers ....per doz., $1 75

No. 1111. 10 single holes, brass reed plates, nickel covers, per doz., $1 15

No. 1118. 20 double holes, brass reed plates, German silver engraved covers.....per doz., $3 50

No. 1112 20 single holes, brass reed plates, nickel covers, per doz., $2 50

HARMONICAS.

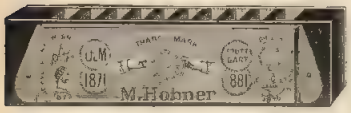
No. 1119. 10 single holes, nickel reed plates and covers, bronzed wood, German silver reeds, extra quality.....per doz., $2 40

No. 1125. 10 single holes, brass reed plates, steel bronze reeds, nickel covers ..per doz., $1 85

No. 1120. 10 single holes, brass reed plates, steel bronze reeds, nickel covers.....per doz., $2 30

No. 1126. 10 double holes, brass reed plates, nickel plated brass covers .....per doz., $1 85

The Yacht Club Harmonicas have sliding covers, which affords access to the reeds.



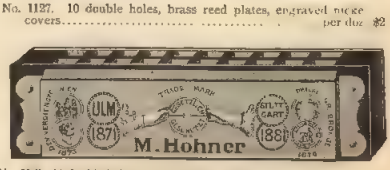
No. 1121. 10 single holes, brass reed plates, nickel covers, per doz..... $2 00

No. 1128. 16 double holes, 32 reeds, tuned in thirds, brass reed plates, nickel covers .....per doz., $5 25

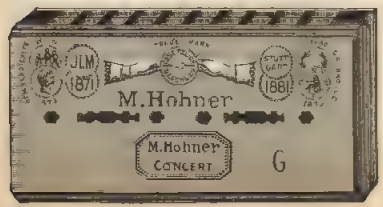
No. 1122. 10 double holes, brass reed plates, engraved German silver covers .....per doz. $3 60

No. 1127. 10 double holes, brass reed plates, engraved nickel covers.....per doz. $2 35

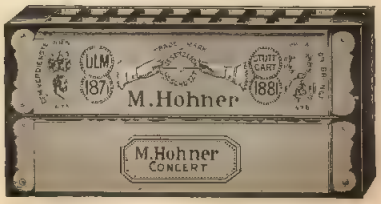
No. 1123. 10 double holes, 40 reeds, brass reed plates, nickel covers, per dozen..... $4 50



No. 1129. 10 double holes, 40 reeds, brass reed plates, nickel covers, per doz $5 25



No. 1124. 20 double holes, 80 reeds, brass reed plates, nickel covers, per doz..... $9 60



No. 1130. 20 double holes, 80 reeds, brass reed plates, nickel covers, per doz..... $12 25

HARMONICAS.

No. 1140. 10 double holes, nickel reed plates, gilt covers, each in fine plush covered case....per doz., $7 00

DOERFEL'S INTERNATIONAL RICHTER AND CONCERT SYSTEMS.

No. 1141. 10 single holes, brass reed plates, celluloid shells, assorted keys . . . . . per doz., $3 75

No. 1142. 10 double holes, 40 reeds, brass reed plates, celluloid shells.. . ...per doz., $6 35

M. HOHNER'S LATEST, "THE HERO"—RICHTER AND CONCERT.

No. 3157. 10 single holes, nickel mouth-plate, brass reed plates, nickel covers .....per doz., $3 00

No. 3158. 10 double holes, nickel mouth-plate, brass reed plates, nickel covers . .. . per doz., $6 00

No. 1138. 10 double holes, brass reed plates, nickel covers, per dozen.... . . .. $3 25

No. 3159. 10 double holes, steel bronze reeds, fancy metal covers, per dozen . . . $3 75

No. 1132. 10 single holes, white reed plates, fine gilt covers, per dozen $1 30

No. 1139. 10 double holes, brass reed plates, nickel covers, per dozen $3 00

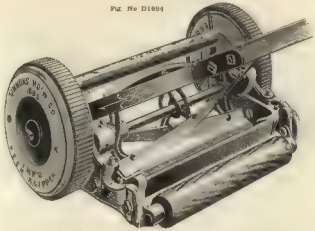
No. 1133. 10 single holes, brass reed plates, in wood case, per doz., $3 50

No. 1131. 10 double holes, nickel reed plates and covers, German silver reeds..... ..per doz., $2 80

LAWN MOWERS.

TRADE MARK "KEEN KLIPPER," REGISTERED.

FIG. No. D1694



New Improved Keen Klipper, 3 and 4 Blade, Low Grass.

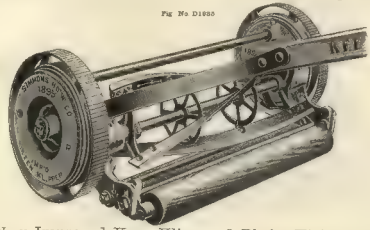
With Patent Combined Solid Rocking Adjustable Frame and Knife Bar, Patent Solid Axle Bearing and Phosphor Bronze Box Journal and Double Gearing, Extra Painted, Wrought Iron Handle Braces, Hardwood Handle.

Low Grass.

Width of Cut, inches,	**10**	**12**	**14**	**16**	**18**
Diameter of Drive Wheels, inches,	8	8	8	8	8
Diameter of Cylinder, inches,	5⅛	5½	5⅛	5⅛	5½
Number of Knives on Cylinder,	3	3	4	4	4
Weight of each, lbs.,	32½	34¼	37	39	41
Each,	$13.00	15.00	17.00	19.00	21.00

Cuts Grass from 1 to 8 inches high, and will leave Grass standing ½ inch and longer after being cut.

FIG. No. D1695



New Improved Keen Klipper, 3 Blade, High Grass.

With Patent Front Protecting Steel Cross Bar, Patent Solid Axle Bearing and Phosphor Bronze Box Journal, Double Gearing, Patent Steel Cone Bearing Solid Knife Bar, Extra Painted, Wrought Iron Handle Braces, Hardwood Handle.

High Grass.

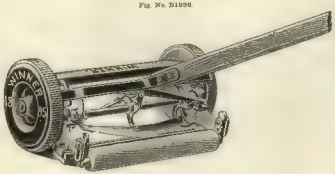
Width of Cut, inches,	**14**	**16**	**18**	**20**
Diameter of Drive Wheel, inches,	10	10	10	10
Diameter of Cylinder, inches,	7	7	7	7
Number of Knives on Cylinder,	3	3	3	3
Weight each, lbs.,	44	46½	49	51½
Each,	$22.00	25.00	28.00	31.00

Cuts Grass from 2 to 12 inches high, and will leave Grass standing 1 inch and longer after being cut.

Extra Parts for Lawn Mowers are not carried in stock, and can only be furnished by being sent direct from the factory.

LAWN MOWERS.

Fig. No. D1936.



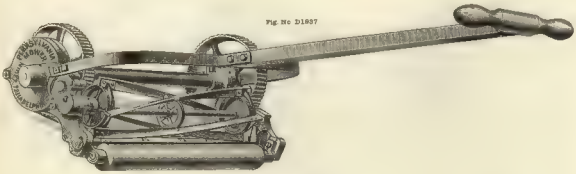
Winner, 3 Blade, Low Grass.

With Improved Front Bar, Adjustable Bearings and Double Geared, Wrought Iron Handle Braces, Extra Painted, Hard Wood Handle.

Width of Cutter, inches,	10	12	14	16	18
Diameter of Drive Wheel, inches,	8	8	8	8	8
Diameter of Cylinder, inches,	5½	5½	5½	5½	5½
Number of Knives on Cylinder,	3	3	3	3	3
Weight each, lbs.,	25½	27	28	30	32
Each,	$13.00	15.00	17.00	19.00	21.00

Cuts Grass from 1½ to 6 inches high, and will leave Grass standing ½ inch and longer after being cut.

Fig. No. D1937



Pennsylvania.

	Low Grass.					High Grass.			
Width of Cutter, inches,	10	12	14	16	18	15	17	19	21
Drive Wheel, inches,	7½	7½	7½	7½	7½	9½	9½	9½	9½
Weight each, lbs.,	31	34	36	38	41	48	51	54	57
Each,	$13.00	15.00	17.00	19.00	21.00	25.00	28.00	31.00	34.00

Extra Parts for Lawn Mowers are not carried in stock, and can only be furnished by being sent direct from the factory.

SIMMONS HARDWARE COMPANY

LAWN MOWERS.

Two Man or Pony.

Fig. No. D1988

Cut Showing Mower with Horse Power Attachment.

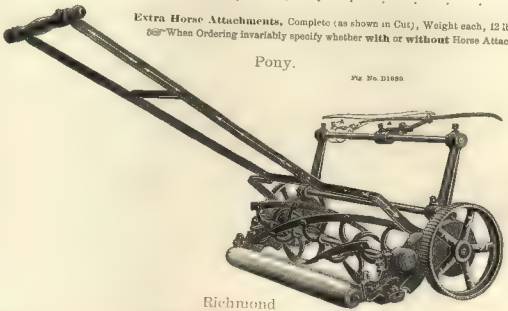
Chief.

Chief, with Regular Handle for Hand Power, without Horse Attachment,	Width of Cut, inches,	**30**
	Diameter of Cylinder, inches,	8½
	Number of Knives on Cylinder,	3
	Weight each, lbs.,	65
	EACH,	$40.00
	Extra Horse Attachments, Complete (as shown in Cut), Weight each, 12 lbs.,	EXTRA. $5 00

☞ When Ordering invariably specify whether **with** or **without** Horse Attachment. ☜

Pony.

Fig. No. D1989.



Richmond

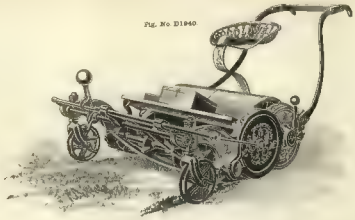
Richmond, with Handle and Side Draft Attachment.	Width of Cut, inches,	**24**	**30**
	Diameter of Cylinder, inches,	7	
	Number of Knives on Cylinder,	4	4
	Weight each, lbs.,	120	125
	EACH,	$45.00	50.00

This Mower has [illegible] Cut and is Double Geared. Cuts Grass 6 to 10 [illegible] High and will leave Grass standing 1 inch and longer after being cut. **Richmond Mowers are not carried in stock, and can only be furnished by being shipped direct from the factory at Richmond, Indiana.**

SIMMONS HARDWARE COMPANY

HORSE OR PONY MOWERS.

Fig. No. D1940



Coldwell's Improved Horse or Pony.

With Lever for Adjusting Height of Cut (Setting both Sides at same time), Improved Lock Device for throwing Machine in and out of Gear, and Lift Device for elevating Cylinder above the Ground when passing over Walks or Drives, and Double Caster Wheels.

	EACH
No. A—25 in. Cut, with **Handles** and **Draw Bale, without Shafts and Seat**; Weight, 275 lbs., .	$ 65.00
No. B—25 in. Cut, with **Handles, Shafts** and **Side Draft Attachment, without Seat**; Weight, 275 lbs.,	75.00
No. C—30 in. Cut, with **Handles, Shafts, Side Draft Attachment** and **Seat Complete**; Weight, 600 lbs.,	110.00
No. D—35 in. Cut, with **Handles, Shafts, Side Draft Attachment** and **Seat Complete**; Weight, 670 lbs.,	[illegible]
No. E—40 in. Cut, with **Handles, Shafts, Side Draft Attachment** and **Seat Complete**; Weight, 700 lbs.,	170.00

No Seat can be used on the 25 inch Mower.

35 and 40 in. Cut are not carried in Stock, and can only be furnished by being shipped direct from the factory, at Newburgh, N. Y.

GRINDING PASTE.

Fig. No. D1941

McGuire's Lawn Mower Paste.

PER DOZEN BOTTLES.

Grinding Paste, for Sharpening Lawn Mowers, $3.00

Put up in ¾ oz. Bottles. One Dozen Bottles in a Case.

LUBRICATOR.

Fig. No. D1942

Keen Klipper.

PER DOZEN CANS.

Keen Klipper—Lubricator, Tin Can holding ½ Pint, Hermetically Sealed, Spring Bottom, Squirt Nozzle, 2¼ in. long, Fancy Labeled, . . . $3.00

This Lubricator will not Gum, and is manufactured expressly for Lawn Mowers, Bicycles, Jig Saws, Sewing Machines, etc.

Two Dozen in a Case.

ADJUSTABLE KLOVER KATCHER ATTACHMENT, FOR LAWN MOWERS.

TRADE MARK: "KEEN KLIPPER." REGISTERED

Fig. No. D1943

Cut showing Klover Katcher attached to New Improved Keen Klipper Mower.

Keen Klipper Klover Katcher.

	PER DOZEN.
No. 4K—Klover Katcher, Made of **Heavy Red Striped Canvas,** Adjustable to Keen Klipper and all Standard Pattern **Low Grass** Lawn Mowers, 10 in. and Larger,	$15.00
No. 5K Klover Katcher, Made of **Heavy Red Striped Canvas,** Adjustable to Keen Klipper and all Standard Pattern **High Grass** Lawn Mowers, 14 in. and Larger,	16.00
No. 1P—Klover Katcher, Made of **Heavy Blue Striped Canvas,** Adjustable to Pennsylvania and Continental **Low** and **High** Grass Lawn Mowers, 14 in. and Larger,	18.00
Eureka Klover Katcher, Made of **Heavy Brown Striped Canvas,** Adjustable to Winner and all other Standard Pattern **Low Grass** Lawn Mowers, 10 in. and Larger,	12.00

HAND LAWN ROLLERS.

Fig. No. D1944.

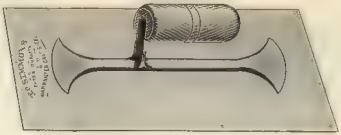
Cut Shows No. 02.

Ash Handle, Painted, Wrought Iron Handle Braces.

	EACH.
No. 01—One Section 12 in. Wide, Cast Iron, Diameter 20 in., Weight 110 lbs,	$12.00
No. 02 Two Sections, each 12 in. Wide, Cast Iron, Diameter 20 in., Weight 225 lbs,	18.00

TROWELS.

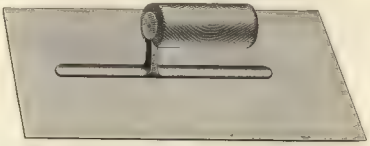
Fig. No. D541



E. C. Simmons', Plastering, Extra Quality Cast Steel, Beech Handle,	Inches,	10	10½	11	11½	12
	Per dozen =	$12 25	12.25	13.50	14 50	15.75

One-half Dozen in a Paper Box.

Fig. No. D542



Oak Leaf, Plastering, Cast Steel.

Inches,	10	10½	11	11½	12
Per dozen =	$6.50	7.00	7.50	8.00	9.00

Rose's, Plastering.

Inches,	10	10½	11	11½	12
Per dozen,	$13.50	14.00	15.00	16.00	17.00

No. 1 Disston's, Plastering, Extra Improved Handle

Inches,	10	10½	11	11½	12	13
Per dozen,	$13.75	13.75	15.25	16.75	18.50	21.75

No. 2 - Disston's, Plastering, Cast Steel, Drive Handle.

Inches,	10	10½	11	11½	12
Per dozen,	$12.25	12.25	13.50	14.50	15.75

One-half Dozen in a Paper Box.

No. 1 Quality—Woodrough and McParlin's, Plastering, Cast Steel, Poplar Handle.

Inches,	11	11½	12	13
Per dozen,	$13.00	13.50	14.00	16.00

Extra Quality Woodrough and McParlin's, Plastering, Cast Steel, Etched Blade, Walnut Handle.

Inches,	11	11½	12
Per dozen,	$14.50	15.00	15.50

One-third Dozen in a Paper Box.

Fig. No. D543

Pointing, Square Heel Pattern, Solid Shank.

No. D. P. P.—Disston's.

Inches,	4	4⅜	5	5⅝	6
Per dozen,	$4.25	4.50	4.75	5.00	5 25

Oak Leaf,	Inches,	4⅜	5	5⅝	6
	Per dozen =	$3.00	3.10	3.20	3 40

One-half Dozen in a Paper Box.

Fig. No. D544

Corner.

PER DOZEN.

Oak Leaf=Cast Steel, **6 in.,** $7.00

One Dozen in a Paper Box.

SIMMONS HARDWARE COMPANY

PLASTERERS' CAST STEEL MITERING TOOLS.

Fig. No. D545

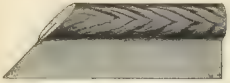
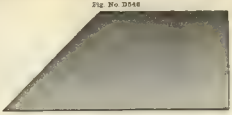


Fig. No. D546



Mitering Rods, with Wood Back.

Inches,	4	6	8	10	12	14	16	18	20
Per dozen,	$4.75	6.75	8.45	10.15	10.73	13.50	15.15	16.89	18.30

Mitering Rods, Solid Steel.

Inches,	4	6	8	10	12	14	16	18	20
Per dozen,	$3.00	4.25	5.70	7.15	7.50	10.00	11.40	12.80	14.30

Fig. No. D547

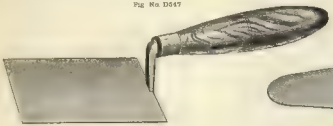


Fig. No. D548

Mitering Trowels

PER DOZEN.

No. 25—2½ x 3 in., . . . $12.00

Mitering Trowels.

PER DOZEN.

No. 30—Blade, 4 in. Long, . . . $12.00

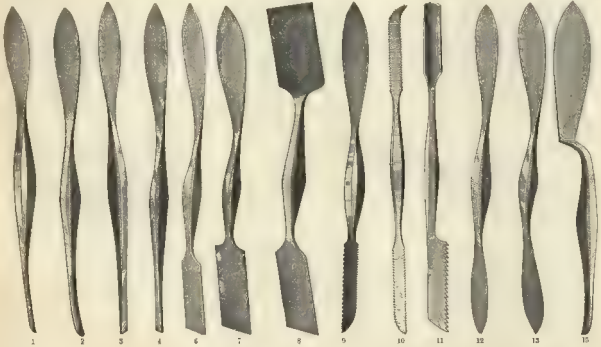
MITERING TOOLS.

Fig. No. D549

PER DOZEN.

No. 16, ... $12.00

Fig. No. D550. No. D551. No. D552. No. D553. No. D554. No. D555. No. D556. No. D557. No. D558. No. D559. No. D560. No. D561. No. D562.



Nos.,	1	2	3	4	6	7	8	9	10	11	12	13	15
Per dozen,	$6.00	6.00	6.00	6.00	8.40	9.00	9.60	9.60	10.20	10.20	7.50	8.40	7.80

Cuts One-half Size.

PLASTERERS' CAST STEEL MITERING TOOLS.

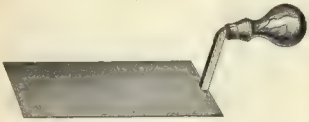
Nos.,	17	18	19	21	22	23	24	26	27	28	29
Per dozen,	$15.00	15.00	6.00	7.80	8.40	9.00	15.00	15.00	7.80	9.60	10.20

Nos.,	31	32	34	35	36	37	38	39	40	41	42	43	45
Per dozen,	$10.20	7.20	9.60	7.20	7.20	9.00	7.80	4.80	4.80	7.80	9.00	9.00	8.40

Cuts One-half Size.

MOULDERS' TOOLS.

Fig No D587



Square Trowels.

Length of Blade, inches, .	4	4½	5	6
Width of Blade, 1 in., per dozen,	$5.40	6 00	6 60	
Width of Blade, 1¼ in., "	5.40	6.00	6 60	7 80
Width of Blade, 1½ in., "	6.60		7 80	9.00
Width of Blade, 1¾ in., "			9 00	10 20

Fig No D588

Heart Trowels.

Length of Blade, inches, .	1½	1¾	2
Per dozen, .	8 9 00	10 50	12.00

Fig No D589

Double Square Trowels.

Inches, . .	⅝	¾	⅞
Per dozen, . .	$5.40	6.00	6.60

Fig No D590

Square and Oval Trowels.

Inches,	½	⅝	¾	⅞	1
Per dozen, .	$5.40	6.00	6.60	7.80	7.80

Fig No D591

Taper Round Point Trowels.

Inches, .	1	1¼	1½	1¾	2
Per dozen,	$5.40	6.60	7.80	10.50	12 00

Fig No D592

Heart and Square Trowels.

Inches,	1	1¼	1½	1¾	2
Per dozen,	$5.40	6.60	7.80	9.00	10 20

Fig No D593

Fluting Slicks.

Width, inches, .	¾	⅞	⅞
Per dozen,	$6.00	7.20	8.40

Fig No D594

Spoon Slicks.

Inches, . .	1¼	1½
Per dozen, . .	$7.50	9.00

MOULDERS' TOOLS.

Fig. No. D595

Yankee Slicks.

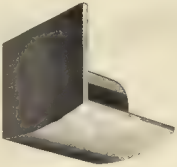
Yankee Slicks,	Inches,	¾	⅞	⅞
	Per dozen,	$6 00	6.60	7 80

Fig No D596

Lifters.

Length, inches,		10	12	14	16
Width, ¼ in.,	per dozen,	$4.20	4.80	5.40	6.00
Width, ⅜ in.,	"	4.80	5.40	6.00	6.60
Width, ½ in.,	"	5 40	6.00	6.60	7.20
Width, ⅝ in.,	"		6.60	7.20	7.80
Width, ¾ in.,	"		7.20	7.80	8.40

Fig No D597



Half Round Corner Slicks.

Inches,	1¼	2
Per dozen,	$6.00	6 00

Fig No D598

Button Slicks.

Inches,	1⅛	2
Per dozen,	$6.00	6.00

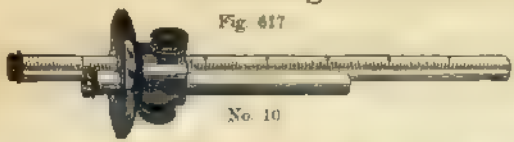
Fig No D599

Pipe Slicks.

Inches,	1⅛	2
Per dozen,	$4.80	4.80

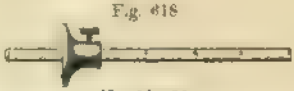
Marking and Scratch Gauges.

Fig. 617



No. 10

Fig. 618

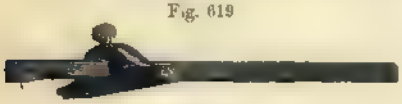


No. 29 29½.

No. 10,	Barrett's Combined Marking and Mortise Gauge. Iron Head, with Graduated Steel Beams, with Rollers instead of Spurs, for a Nickel plated,	per dozen,	$12 00
29,	With 3-inch Graduated Beam, Starrett's all Steel Scratch Gauge, Nickel-plated,	"	12 00
29,	" 6-inch " " " " " "	"	15 00
29½,	" 5-inch Beam, not Graduated, Starrett's all Steel Scratch Gauge, Nickel-plated,	"	7 50
29½,	" 6 inch " " " " " "	"	9 00

Panel and Slitting Gauges.

Fig. 619



No. 184

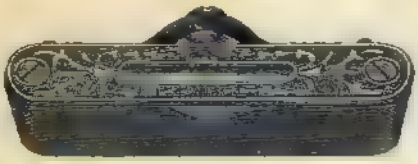
Fig. 620

No. 187

No. 184,	Panel, Beechwood,	per dozen,	$3 00
186,	Slitting, with Handle and Iron Screw,	"	5 50
187,	" " and Roller,	"	7 50

Pocket Levels.

Fig. 621.



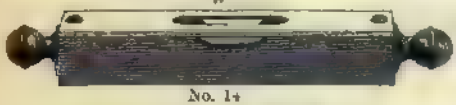
No. 41.

Fig. 622.

No. 46

No. 40,	Iron, Iron Top Plate, Japanned,	per dozen,	$2 50
41,	Iron, Brass Top Plate,	"	3 00
42,	Brass, " "	"	8 00
46,	Iron, " " a superior article,	"	2 50

Fig. 623.



No. 14

Fig. 624.

No. 17.

Fig. 625

No. 15.

Fig. 626.

Nos. 11 and 12.

No. 11,	2½-inch, Hexagon Case, Nickel-plated,	per dozen,	$7 20
12,	3 " " " " "	"	9 00
14,	3 " Iron Japanned, with Heavy Brass Top Plate,	"	3 50
15,	5 " " " " "	"	8 50
17,	3½ " " " " " with Square Attachment,	"	3 00

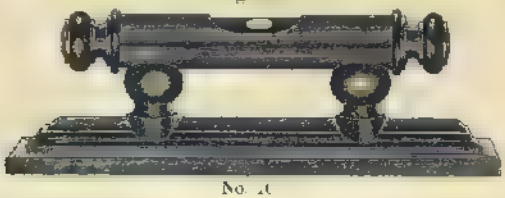
All above Levels. One Dozen in a Box.

Levels.

Davis' Patent.

MACHINISTS' ADJUSTABLE IRON BENCH

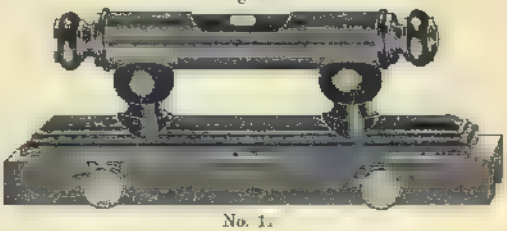
Fig. 627



No. 10.

No. 10, 4-inch Adjustable Iron Bench, Plain, - - - per dozen, $6 00

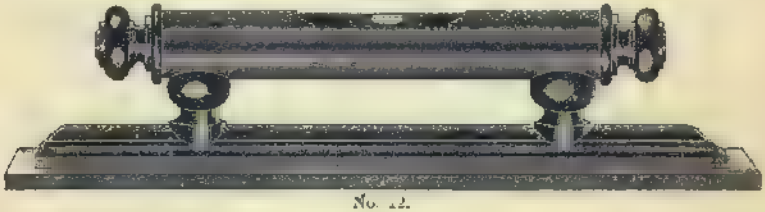
Fig. 628.



No. 11.

No. 11, 4-inch Adjustable Iron Bench, with Square Attachment, - - - per dozen, $8 00

Fig. 629.

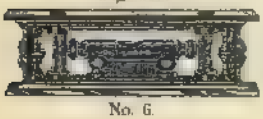


No. 12.

No. 12, 6-inch Adjustable Iron Bench, Plain, - - - - - per dozen, $9 00

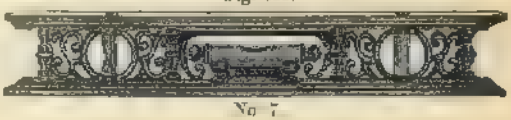
Carpenters' and Machinists' Patent Adjustable Iron Double Plumbs and Levels

Fig. 630.



No. 6.

Fig. 631.



No. 7.

No. 6, 6-inch Patent Adjustable Iron Double Plumb and Level, - - - per dozen, $24 00
7, 12 " " " " " " - - - " 27 00

All above Levels, One in a Box

Plumbs and Levels.

Davis' Patent

CARPENTERS' AND MACHINISTS' PATENT ADJUSTABLE IRON, DOUBLE.

Fig 632

No 8

Fig 633

No. 9

No 8, 18 inch Patent Adjustable Iron Double Plumb and Level,	per dozen,	$30 00
9, 24 " " " " " "	"	36 00

MACHINISTS' PATENT ADJUSTABLE IRON LEVEL, PLUMB AND INCLINOMETERS

Fig 634

No 1

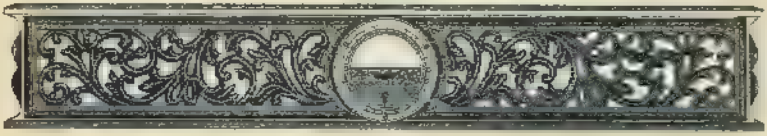
Fig 635.

No 2

Fig. 636

No. 3

Fig. 637



No. 4.

No 1. 6-inch Patent Adjustable Iron Level, Plumb and Inclinometer,	per dozen,	$24 00
2, 12 " " " " " "	"	30 00
3, 18 " " " " " "	"	36 00
4, 24 " " " " " "	"	42 00

These Levels are made of the best quality of Gray Iron, with Steel Bars running through each column from one parallel to the other, giving the instruments a light and tasteful appearance, also adding greatly to their strength. There is no liability of their breaking or getting out of order by any fair usage. They are practically arranged for the use of Carpenters as well as Machinists, and are warranted to be correct in every particular

All above Levels, One in a Box.

Stanley Rule and Level Co.'s Plumbs and Levels.

Fig. 638.

No. 0.

No. 102, Levels, Arch Top Plate, Two Side Views, Polished, Assorted 10 to 18 inches,	per dozen,	$ 9 00
103, " " " " " " 18 to 24 "	"	12 00
104, Plumb and Level, Arch Top Plate, Two Side Views, Polished, Assorted 12 to 18 inches,	"	14 00
6, " " " " " " " 24 to 30 "	"	18 00

PATENT IMPROVED ADJUSTABLE.

Fig. 639

No. 3

No. 1, Patent Adjustable Mahogany Plumb and Level, Arch Top Plate, Two Side Views, Polished, Assorted 26 to 30 inches,	per dozen,	$27 00
2, Patent Adjustable Plumb and Level, Arch Top Plate, Two Brass Lipped Side Views, Polished, Assorted 26 to 30 inches,	"	27 00
3, Patent Adjustable Plumb and Level, Arch Top Plate, Two Side Views, Polished and Tipped, Assorted 26 to 30 inches,	"	30 00

Fig. 640

No. 9

No. 4, Patent Adjustable Plumb and Level, Arch Top Plate, Two Brass Lipped Side Views, Polished and Tipped, Assorted 26 to 30 inches	per dozen,	$39 00
5, Patent Adjustable Plumb and Level, Tripe Stock, Arch Top Plate, Two Ornaments, Brass Lipped Side Views, Polished and Tipped, Assorted 26 to 30 inches,	"	48 00
6, Patent Adjustable Mahogany Plumb and Level, Arch Top Plate, Two Brass Lipped Side Views, Polished, Assorted 26 to 30 inches,	"	33 00
9, Patent Adjustable Mahogany Plumb and Level, Arch Top Plate, Two Ornamental Brass Lipped Side Views, Polished and Tipped, Assorted 26 to 30 inches,		48 00
10, Patent Adjustable Mahogany Plumb and Level, Tripe Stock, Two Ornamental Brass Lipped Side Views, Arch Top Plate, Polished and Tipped, Assorted 26 to 30 inches,	"	60 00
11, Patent Adjustable Rosewood Plumb and Level, Arch Top Plate, Two Ornamental Brass Lipped Side Views, Polished and Tipped, Assorted 26 to 30 inches	"	90 00

Fig. 641

No. 35.

No. 35, Patent Adjustable Masons' Plumb and Level, 3½ inches wide, 42 inches long,	per dozen,	$40 00

Nos. 102, 103 and 104, One Dozen in a Package, all others, One-half dozen in a Box.

LEVEL GLASSES

Inches,	1¾	2	2½	3	3½	Assorted 1½ to 3½
Per Gross,	$9 50	10 00	10 50	11 50	13 00	12 00

One-twelfth Gross in a Box

Adjustable Plumbs and Levels.

STANLEY'S PATENT "HANDY."

Fig. 642.

Arch Top Plate, Two Side Views, Polished and Tipped, Assorted 26 to 30 inches.

No. 16, Cherry, - - per dozen, $15 00

STANLEY'S PATENT DUPLEX.

Fig. 643

Arch Top Plate, Improved Duplex Side Views, Polished and Tipped, Assorted 26 to 30 inches

No. 25, Mahogany, - per dozen, $24 00
30, Cherry, - " 18 00

MILLER'S FALLS.

Fig. 644

Mahogany Arch Top Plate, Two Brass Lipped Side Views, Polished, with Brass Tips and Brass Bound Corners.

Length,	Inches,	22	26	30
No. 1,	Per Dozen,	$56 40	60 00	64 80

WOODS' PATENT, EXTENSION SIGHTS

Fig. 645

Sight lowered

Fig. 646

Sights raised for long-distance work.

Arch Top Plate, Brass Lipped Side View, Polished and Tipped, with Extension Sights.

No. 1, Cherry, per dozen, $24 00

COOK'S PATENT

Fig. 647

Top, Side and End Plates, Assorted lengths, 24, 26, 28, 30 inches.

No 1, Mahogany N P Trimmings, per doz. $42 00
4, Cherry, " " " 36 00
5, " Brass " " 33 00

LOCKWOOD'S PATENT, LONG DISTANCE.

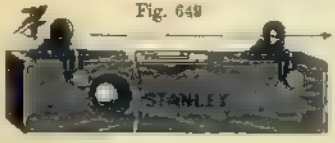
Fig. 648

Lockwood's Patent, Length 13 inches, made of three pieces, grain of wood reversed to prevent warping, with Brass Top and End Plates, - - - per dozen, $24 00

All above Levels, One-half Dozen in a Box.

STANLEY'S IMPROVED LEVEL SIGHTS.

Fig. 649



Can be attached to any Level instantly.

No. 1, - per pair, $0 75

One Pair in a Box.

Fig. 650

SIMMONS HARDWARE COMPANY

TACKLE BLOCKS.

Iron Strapped.

Fig. No. D4886

No. I. S. Single Sheave.

Fig. No. D4887

No. I. D. Double Sheaves.

Fig. No. D4888

No. I. T. Triple Sheaves.

No. I. S. Single Iron Sheave.

Length, inches, .	4	5	6	7	8	9	10	12
Diameter of Sheaves, inches,	2¼	3	3¼	4¼	5	5¾	6¾	8
For Rope, Diameter, inches,	½	⅝	¾	⅞	1	1	1⅛	1¼
Weight, . .	1 lb. 7½ oz.	2 lbs. 8 oz.	4 lbs. 7½ oz.	6 lbs. 5 oz.	8 lbs. 12½ oz.	11 lbs. 12½ oz.	16 lbs. 5 oz.	24 lbs. 4 oz.
Each, . .	$0.85	.90	1.10	1.30	1.65	1.85	2.75	4.45

No. I. D. Double Iron Sheaves.

Length, inches, .	4	5	6	7	8	9	10	12
Diameter of Sheaves, inches,	2½	3	3¾	4¾	5	5½	6¾	8
For Rope, Diameter, inches,	½	⅝	¾	⅞	1	1	1⅛	1¼
Weight, . .	2 lbs. 4 oz.	3 lbs. 14 oz.	6 lbs. 8 oz.	8 lbs. 9½ oz.	12 lbs. 11 oz.	15 lbs. 8 oz.	23 lbs. 10 oz.	36 lbs.
Each, . .	$1.60	1.75	2.00	2.40	2.85	3.40	4.50	7.50

No. I. T. Triple Iron Sheaves

Length, inches, .	4	5	6	7	8	9	10	12
Diameter of Sheaves, inches,	2¾	3	3½	4¼	5	5¾	6¾	8
For Rope, Diameter, inches,	½	⅝	¾	⅞	1	1	1⅛	1¼
Weight, . .	3 lbs.	5 lbs. 12 oz.	9 lbs. 12 oz.	13 lbs. 2 oz.	19 lbs.	23 lbs. 8 oz.	34 lbs.	50 lbs. 8 oz.
Each, . .	$2.15	2.25	2.90	3.50	4.25	4.75	6.25	10.65

☞ **Blocks ordered separately or assorted, either Single, Double or Triple, are sent out as follows: All Single with Beckets, one-half the Double with Beckets and one-third the Triple with Beckets. Blocks ordered in pairs, say, for instance, one only Single 6 inch and one only Double 6 inch, or one only Double 10 inch and one only Triple 10 inch are sent out as follows: The Block with the lesser Sheaves, which is always the lower Block when in use, always with the Becket, the Block with the greater number of Sheaves not requiring the Becket.** ☜

SNATCH BLOCKS.

Fig. No. D4889½.

No. B. Lockport Pattern, Self-Locking Link, Swivel Hook, Iron Strapped, Iron Bushed.

Length of Shell, inches, ...	6	8	10	12
Diameter of Sheave, inches, ...	2½	3¼	4¼	5¾
For Rope, Diameter, inches, ...	⅞	1	1⅛	1⅜
Weight, lbs., ...	4¾	8¾	15	25
Each, ...	$4.00	5.75	8.50	10.00

TACKLE BLOCKS.

Hartz.

Fig. No. D4973

Single Sheave.

Fig. No. D4974

Double Sheaves.

Fig. No. D4975

Triple Sheaves.

Wrought Iron Hook and Strap, Steel Shell and Pin, Japanned.

Regular Mortise, Plain Iron Bushed, all with Beckets.

No. H.P.S. Single,	Length of Block, in.,	**4**	**5**	**6**	**8**	**10**	**12**
	Diam. of Sheave, in.,	2½	2¾	3½	5	6	7½
	For Rope, Diam. in.,	½	⅝	¾	1	1¼	1½
	Weight, lbs.,	1½	3¾	4½	10	18	26
	Each,	$0 85	.90	1 10	1 65	2 75	4 45
No. H.P.D. Double,	Length of Block, in.,	**4**	**5**	**6**	**8**	**10**	**12**
	Diam. of Sheave, in.,	2¼	2⅝	3¼	5	6	7½
	For Rope, Diam. in.,	½	⅝	¾	1	1¼	1½
	Weight, lbs.,	2¾	4½	6½	14	27	37
	Each,	$1.80	1.75	2.00	2.85	4.50	7.50
No. H.P.T. Triple,	Length of Block, in.,	**4**	**5**	**6**	**8**	**10**	**12**
	Diam. of Sheave, in.,	2¼	2¾	3¼	5	6	7½
	For Rope, Diam. in.,	½	⅝	¾	1	1¼	1½
	Weight, lbs.,	4	6½	9¾	19¾	36	49
	Each,	$2 15	2 25	2 80	4 25	6 25	10.65

Regular Mortise, Patent Self-Adjustable Seven Roller Bushed, all with Beckets.

No. H.R.S. Single,	Length of Block, in.,	**4**	**6**	**8**	**10**
	Diam. of Sheave, in.,	1⅝	3½	5	6
	For Rope, Diam. in.,	½	¾	1	1¼
	Weight, lbs.,	2	4½	10	18
	Each,	$1 20	1 50	2 25	3 50
No. H.R.D. Double,	Length of Block, in.,	**4**	**6**	**8**	**10**
	Diam. of Sheave, in.,	2¼	3½	5	6
	For Rope, Diam. in.,	½	¾	1	1¼
	Weight, lbs.,	2¾	6½	14	27
	Each,	$2 25	2.85	4 15	6.00
No. H.R.T. Triple,	Length of Block, in.,	**4**	**6**	**8**	**10**
	Diam. of Sheave, in.,	2¼	3½	5	6
	For Rope, Diam. in.,	½	¾	1	1¼
	Weight, lbs.,	4	9¾	19¾	36
	Each,	$3.25	4 40	6 00	8 50

SNATCH BLOCKS.

Hartz

Fig. No. D4976.

Sectional Cut showing how Strap is used.

Fig. No. D4977.

Cut showing Block complete.

Wrought Iron Hook and Strap, Steel Shell and Pin, Japanned, Automatic Locking Hook, Plain Iron Bushed.

Hartz,	Length of Block, inches,	**7**	**8**	**10**	**12**
	Size of Sheave, inches,	3½ x 1⅛	4 x 1¼	5¼ x 1	7 x 2
	For Rope, Diameter, inches,	⅜ to ½	1 to 1⅛	1¼ to 1⅜	1¼ to 1½
	Weight, lbs.,	7	10	18	27
	Each,	$1.75	5 75	8 50	10 00

TACKLE BLOCKS.

Six Roller Bushed, Iron Strapped.

Fig. No. D4969

No. 100. Single Sheave.

Fig. No. D4970.

No. 200. Double Sheaves.

Fig. No. D4971

No. 300. Triple Sheaves.

Single Sheave.

No. 100, Furnished All with Beckets,								
Length, inches,	4	5	6	7	8	9	10	12
Diam. of Sheave, inches,	2¼	3	3¼	4¼	4¾	5½	6¼	8
For Rope, Diam., inches,	⅛	¼	¾	⅞	1	1	1⅛	1¼
Weight,	1 lb. 9 oz.	2 lbs. 11 oz.	4 lbs. 13 oz.	7 lbs. 3 oz.	9 lbs. 14 oz.	12 lbs 9 oz.	16 lbs. 6 oz.	26 lbs. 14 oz.
Each,	$1.30	1.25	1.50	1.70	2.25	2.50	3.50	5 30

Double Sheaves.

No. 200, Furnished One-half with Beckets,								
Length, inches,	4	5	6	7	8	9	10	12
Diam. of Sheaves, inches,	2¼	3	3¼	4¼	4¾	5½	6¼	[illegible]
For Rope, Diam., inches,	⅛	¼	¾	⅞	1	1	1⅛	1¼
Weight,	2 lbs. 10 oz.	4 lbs. 5 oz.	7 lbs. 5 oz.	10 lbs. 9 oz.	15 lbs. 7 oz.	19 lbs.	26 lbs. 6 oz.	38 lbs. [illegible] oz
Each,	$2.25	2.35	2.85	3.35	4 15	1 70	6 00	9.20

Triple Sheaves.

No. 300, Furnished One-third with Beckets,						
Length, inches,	4	6	8	10	12
Diam. of Sheaves, inches,	2¼	3¼	4¼	4¾	[illegible]
For Rope, Diam., inches,	¼	¾	1	1⅛	1¼
Weight,	3 lbs. 14 oz.	11 lbs. 2 oz.	21 lbs. 13 oz.	35 lbs. 8 oz.	90 lbs.
Each,	$3.25	4.40	6.00	8.50	11 20

EXTRA TACKLE BLOCK SHEAVES.

Fig. No. D4972

Extra Plain Iron Bushed Sheaves, Japanned, not Polished, for Tackle Blocks.

For Size of Block, inches,	4	5	6	7	8	9	10	12
Size of Sheave, inches,	2¼ x ⅜ x ⅜	3 x ¾ x ⅜	3½ x 1 x ½	4¼ x 1 x ½	4¾ x 1⅛ x ⅝	5½ x 1⅛ x ⅝	6¼ x 1¼ x ¾	8 x 1⅜ x ¾
Each,	$0.12	.20	.25	.30	.35	15	55	90

TACKLE BLOCKS.

Sure Grip, Steel, Japanned.

Fig. No D4882

	EACH.
No. 3 —To be used with $^3/_8$ in. Rope; one man can lift 250 lbs., Capacity 400 lbs , .	$3.00
No. 4 —To be used with $^1/_2$ in. Rope; one man can lift 350 lbs., Capacity 750 lbs , . .	5 50
No. 5 —To be used with $^5/_8$ in. Rope; one man can lift 350 lbs., Capacity 1500 lbs., . .	7.00
No. 6 To be used with $^3/_4$ in. Rope; one man can lift 400 lbs., Capacity 2000 lbs.,	8 50
No. 6½—To be used with $^3/_4$ in. Rope; one man can lift 600 lbs., Capacity 3500 lbs.,	14.00

The Rope is not included in the above prices. When ordering, if Rope is wanted specify the exact distance between the lowest starting point and the Hook the Machine is suspended from.

Will hold load at any point without backward slip, thus enabling a man to hoist with half the usual amount of exertion. The wedge-shaped brake has a double grip, and is absolutely automatic and very positive. Its efficiency is as great, proportionately, for raising heavy as light loads. Is susceptible of being disengaged by very slight pressure. Is quick lifting, quick lowering and light.

Fig. No D4882

Cut showing Construction of Sure Grip.

Fig. No. D4882½.

American Safety, Steel, Japanned.

	EACH.
No. A1 -To be used with $^1/_4$, $^3/_{16}$ or $^3/_8$ in. Rope, one man can lift 300 lbs., Weight $2^3/_4$ lbs., Capacity 600 lbs., ...	$2 50
No. A2—To be used with $^3/_8$, $^7/_{16}$ or $^1/_2$ in. Rope, one man can lift 400 lbs., Weight $5^1/_2$ lbs., Capacity 1000 lbs., ...	4 00
No. A3—To be used with $^1/_2$, $^9/_{16}$ or $^5/_8$ in. Rope, one man can lift 550 lbs., Weight $11^1/_2$ lbs., Capacity 1500 lbs., ...	5 50
No. A4—To be used with $^5/_8$, $^{11}/_{16}$ or $^3/_4$ in. Rope, one man can lift 600 lbs., Weight 20 lbs., Capacity 2800 lbs., . . .	8 00
No. A5—To be used with $^3/_4$, $^{13}/_{16}$ or $^7/_8$ in. Rope, one man can lift 650 lbs., Weight 35 lbs., Capacity 5000 lbs., ...	10.50

The Rope is not included in the above prices. When ordering, if Rope is wanted specify the exact distance between the lowest starting point and the Hook the Machine is suspended from.

Will hold load at any point without backward slip, thus enabling a man to hoist with half the usual amount of exertion The brake has a double grip and is absolutely automatic and very positive. Its efficiency is as great, proportionately, for raising heavy as light loads. Is susceptible of being disengaged by very slight pressure. Is quick lifting, quick lowering and light.

Cut showing Construction of American Safety.

TACKLE BLOCKS.

Fig No D4878

Cut shows No. C. S., Single Sheave.

Fig No D4879

Cut shows No. C. D., Double Sheaves.

Fig No. D4879½

Cut shows No. C., Snatch.

Cleveland, Steel, Plain Bushed, with Beckets.

	Length of Block, inches,	4	5	6	8	10
	Diameter of Sheave, inches,	2¼	2¾	3½	4⅝	6
	For Rope, Diameter, inches,	½	⅝	¾	1	1⅛
	Weight, lbs.,	1¼	2½	4	8½	14
No. C. S., Single,	Each,	$0.90	1.00	1.25	1.85	3.10
No. C. D., Double,	Weight, lbs.,	2½	4	6	12½	24
	Each,	$1.75	1.90	2.75	3.50	5.10
No. C. T., Triple,	Weight, lbs.,	3½	5½	8½	19	32
	Each,	$2.50	2.75	3.75	4.75	7.00

	Length of Block, inches,	7	8	10	12
	Diameter of Sheaves, inches,	3½	4	5½	7
	For Rope, Diameter, inches,	¾	1	1¼	1½
	Weight, lbs.,	21	31½	48	81
No. C., Snatch,	Each,	$4.75	5.75	8.50	10.00

Fig No D4880

Fig No D4881

Wilcox.

Galvanized Malleable Iron, Steel Pins, with Beckets

Single Sheave

Nos.,	5	7	9	13	15	19
Length, in.,	2½	3	4	5	6	8
Diameter of Sheave, in.,	1⅛	1½	2½	3	3½	5
For Rope, Diameter, in.,	¼	⅜	½	⅝	¾	1
Weight, lbs.,	½	1	1¾	3½	5	9
Each,	$0.40	.45	.85	1.00	1.30	1.80

Double Sheaves.

Nos.,	6	8	10	14	16	20
Length, in.,	2½	3	4	5	6	8
Diameter of Sheaves, in.,	1⅛	1½	2½	3	3½	5
For Rope, Diameter, in.,	¼	⅜	½	⅝	¾	1
Weight, lbs.,	1	1½	2½	5	7	15
Each,	$0.50	.70	1.25	1.75	2.40	6.25

TRUNKS.

No. 207. Crystal covered, iron bottom, large barrel stave top Trunk, double wide iron bound, cross bar slats on top bound with heavy clamps, strap hinges, rollers flat steel key hasp lock, valance all around, patent bolt locks, stitched leather handles with caps, high set up tray with covered hat box. Cheapest Trunk in the market.

		each, $2 00
26	inch	2 50
28	"	2 50
30	"	2 75
32	"	3 00
34	"	3 25
36	"	3 50

No. 212. Crystal covered, iron bottom barrel stave top cross bar and front tipped with fancy clamps, stitched leather handles heavy valance all around, patent tinned side bolts flat steel key hasp lock bottom rollers, large body tray with covered hat box and packing partition, fall in top.

		each, $2 50
26	inch	2 75
28	"	3 00
30	"	3 25
32	"	3 50
34	"	

No. 220. Fancy crystal covered, iron bottom, barrel stave top, double wide iron bound 5 reversed slats on top and front, protected with heavy clamps, malleable iron corners, leather handles, hardwood bottom cleats, corner rollers, iron bottom, patent Monitor lock, heavy side bolt locks, high set up tray with bonnet box and parasol case, fall in top; a ready seller.

		each, $3 50
28	inch	3 80
30	"	4 10
32	"	4 40
34	"	4 70
36	"	5 25
38	"	

No. 221. Crystal covered, iron bottom, padlock, barrel stave top, corners double wide iron bound, 5 cross bar slats on top and front, fastened with heavy clamps, malleable iron corners, strap hinges, iron stay, heavy valance all around, patent side bolt locks, stitched leather handles, hardwood bottom cleats, rollers, padlock, high set up tray with fall in top, bonnet box and parasol case, a very strong Trunk

		each, $3 65
28	inch	4 05
30	"	4 25
32	"	4 [illegible]
34	"	4 85
36	"	5 35
38	"	

Prices on this page are net.

TRUNKS

No. 229. Crystal covered, iron bottom, barrel stave top, corners double wide iron bound, 5 hardwood cross-bar slats on top and upright on front, with fancy clamps and ornaments, skeleton work, center clamps, heavy malleable iron corners, heavy valance all around, strap hinges, side bolt locks, stitched leather handles, large brass plated Monitor lock, covered hinge tray in body with deep bonnet box in center, 4 partitions in lower part of tray and 2 falls in top

30 inch	each, $4 25	34 inch	each $5 50
32 "	" 5 15	36 "	" 6 00

No. 230. Crystal covered, iron bottom, linen faced, Excelsior lock, barrel stave top, double iron bound, 5 reversed hardwood slats on top and front, malleable iron corners and skeleton bands, valance all around, heavy side bolt locks, fine brass Excelsior lock, hard wood bottom cleats, malleable iron corner rollers, covered hinge tray with bonnet box, parasol case, fall in top, linen faced with leather border; a good seller.

30 inch	each, $5 00	34 inch	each, $6 00
32 "	" 5 50	36 "	" 6 50

No. 215. Crystal covered, iron bottom, large box, front and back of top are rounded and hardwood slats bent to the shape of the trunk, reversed slats in front, corners double iron bound, protected by heavy clamps, malleable iron corners, stitched leather handles, bottom rollers, iron bottom, Monitor lock, tinned side bolt locks, hinged body tray with covered hat box and parasol case, fall in top, all nicely trimmed, 4 slats on 34 and 36 inch.

28 inch	each, $3 50	34 inch	each, $4 40
30 "	" 3 80	36 "	" 4 75
32 "	" 4 10		

No. 224. Crystal covered, iron bottom, octagon shape, double wide iron bound, 4 cross-bar slats on top, 2 slats in front and back of top of trunk, 4 upright slats in front, malleable iron corners, tin scroll on top, heavy clamps, patent side bolt locks, flat steel key hasp lock, hardwood bottom cleats, rollers, high set up tray with parasol case and hat box, all covered

28 inch	each, $3 75	32 inch	each, $4 25
30 "	" 4 00	34 "	" 4 50

All prices on this page are net.

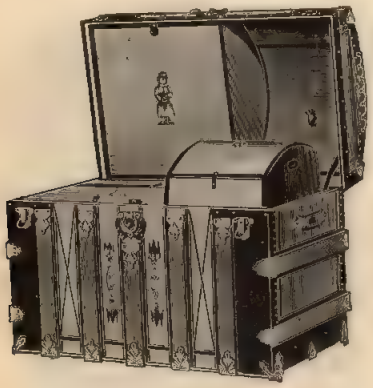
TRUNKS.

No 110. Enameled iron covered, iron bottom, large flat top Trunk covered with black enameled iron, three hardwood slats full length of trunk, solid wrought iron clamps, valance all around, patent side bolt locks, heavy steel key hasp lock, stitched leather handles, deep tray with covered hat box, iron bottom, a fast seller.

28 inch	each, $3 00	32 inch	each, $3 50
30 "	" 3 25	34 "	" 3 75

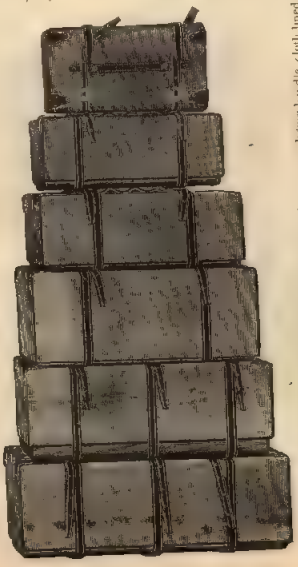
No. 116. Enameled iron covered, iron bottom, large oval top, covered with black enameled iron, front and back of top are rounded and hardwood slats bent to the shape of trunk with an extra slat in center tipped with Russia iron, upright slats in front, 2 slats on ends protected by solid clamps, valance all around, patent side bolt locks, heavy Monitor lock, stitched leather handles, hardwood bottom cleats, rollers high, set up tray with bonnet box and parasol case, iron bottom.

28 inch	each, $3 85	34 inch	each, $4 90
30 "	" 4 20	36 "	" 5 25
32 "	" 4 55		



No. 311. Leather covered, iron bottom, linen faced, barrel stave top, corners double iron-bound, five hardwood crossbar slats on top and upright in front and end slats, protected by heavy malleable iron corners and clamps, skeleton bands on top, valance all around, strap hinges, extra side bolts, brass plated Monitor lock, stitched leather handles, hardwood bottom cleats, high set up patent hinged tray, with bonnet box and parasol case, fall in top, cloth finish and neatly trimmed with morocco leather binding.

30 inch	each, $6 50	36 inch	each, $8 00
32 "	" 7 00	38 "	" 8 75
34 "	" 7 50		



No. 1 Canvas Telescope Cases, plain canvas covered, leather straps, sliding handle cloth lined

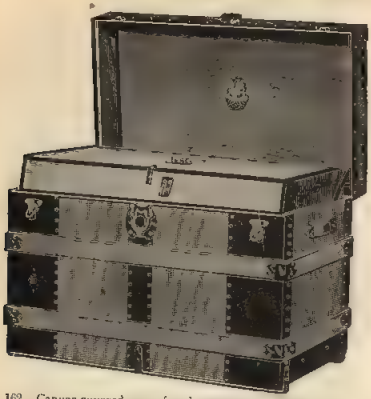
14 inch	each, $0 80	18 inch	each, $1 20	22 inch	each, $1 60	26 inch	each, $2 00
16 "	" 1 00	20 "	" 1 40	24 "	" 1 80		

No. 3 Canvas Telescope Cases made of heavy canvas, bound with leather, riveted ends, wide straps, and strong handle with iron rings, linen lined.

16 inch	each, $1 75	20 inch	each, $2 25	24 inch	each, $2 75		
18 "	" 2 00	22 "	" 2 50	26 "	" 3 00		

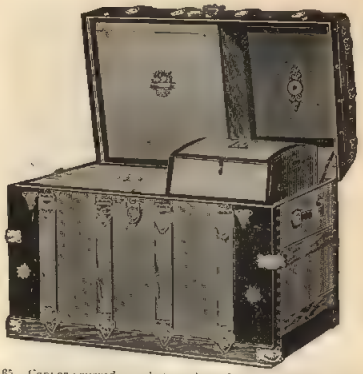
All prices on this page are net.

WATERPROOF CANVAS COVERED TRUNKS.



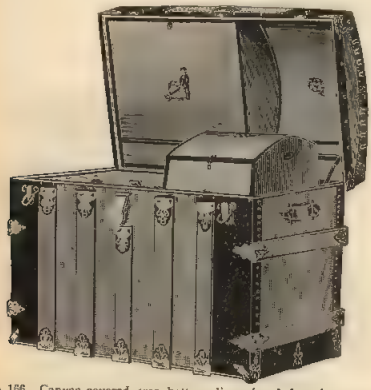
No. 162. Canvas covered, linen faced, iron bottom, large square top 4 hardwood slats on top, full length of trunk, 2 around body and ends, protected by heavy steel corners and clamps, valance all around, patent side buckle bolts, large brass plated Monitor lock, 3 hardwood bottom cleats, steel clamps, rollers, patent hinged tray with covered bonnet box and packing partition, linen faced.

28 inch	each, $4 00	34 inch	each, $5 20
30 "	" 4 40	36 "	" 5 60
32 "	" 4 80		



No. 165. Canvas covered, iron bottom, linen faced large box, rounded top, 4 hardwood slats bent to shape of trunk and reversed on front, corners double wide iron bound, malleable iron corners, solid clamps, valance all around, heavy side bolt locks, large brass plated Monitor lock, stitched leather handles, bottom cleats, rollers covered patent hinged tray, with bonnet box and parasol case, fall in top, cloth faced, Morocco leather binding

30 inch	each, $4 25	34 inch	each, $5 50
32 "	" 4 65	36 "	" 6 00



No. 166. Canvas covered, iron bottom, linen faced, barrel stave top, corners double wide iron bound, 5 cross-bar slats on top and front, top center clamps with iron band through center of top, malleable iron corners clamps, skeleton bands on top, valance clamps all around with malleable iron clamps, side bolt locks, fine brass Excelsior lock, stitched leather sliding handles, 3 hardwood bottom cleats, corner rollers, full drop tray and glove box in top covered hinged tray, bonnet box and parasol case, cloth finished, morocco leather bound, an elegant Trunk.

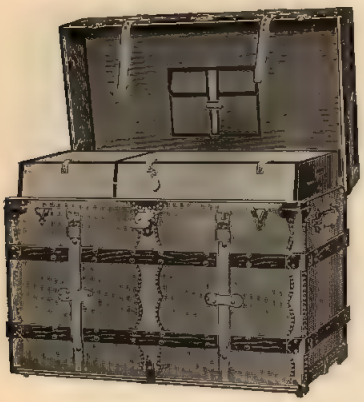
32 inch	each, $7 50	36 inch	each, $8 50
34 "	" 8 00	38 "	" 9 25

No. 169. Canvas covered, iron bottom, 2 dress trays, large square box, covered with heavy duck and painted, hardwood slats the whole length of trunk, 4 on top, ends of which are tipped with Russian iron and protected with the latest style of japanned steel clamps, corner shoes and knees, malleable iron skeleton work all around trunk, finest stitched leather handles, large buckle bolts, best brass Excelsior lock, heavy large strap hinges, high set up large drum tray with partition, all covered, 2 extra dress trays 40 inch has 3 dress trays, cloth lined throughout.

30 inch	each, $8 50	36 inch	each, $10 00
32 "	" 9 00	38 "	" 11 00
34 "	" 9 50	40 "	" 12 00

All prices on this page are net.

WATERPROOF CANVAS COVERED TRUNKS.



No. 1BW. Square canvas covered, leather bound, brass trimmings. Large square box made of the best basswood, covered with extra heavy duck and painted, long hardwood slats, full length of trunk, three on top, corners bound with selected heavy leather, leather center band and neatly scalloped, stitched leather sliding handles, heavy leather straps around trunk, slats, corners and valance protected by heavy brass clamps, heavy strap hinges, large buckle bar bolts, fine Excelsior lock, three hardwood bottom cleats, corner rollers, high set up covered hinge tray with bonnet box and partition, extra dress tray below, 36 and 38 inch have four slats on top and 38 inch has two extra dress trays. A most handsome ladies' Trunk.

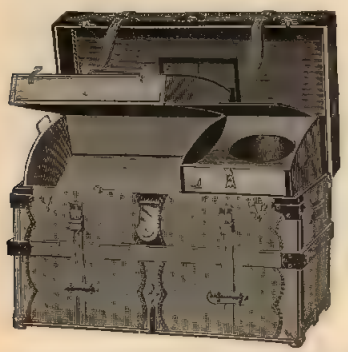
32 inch	each,	$15 50
34 "	"	16 50
36 "	"	17 50
38 "	"	19 00

No. 400. Canvas covered, leather bound, solid brass trimmings. This is without question the handsomest and most beautiful Trunk ever offered to the trade. For light weight and durability it cannot be excelled, the material used in same is the very best. Large barrel stave top covered with extra heavy duck, painted, corners bound with extra heavy leather, leather band over center of front, top and back, also leather center bands on ends, cut out and fancy scalloped, giving it a handsome appearance, heavy valance all around covered with canvas, the trimmings on this trunk are highly polished, solid brass corners and clamps, valance protected by heavy clamps, double stitched leather sliding handles, large set up tray with covered bonnet box, three covered pockets in front and secret parasol case underneath, trunk pocket in top, Irish linen lined, extra dress tray.

34 inch	each,	$22 00
36 "	"	23 50

No. 400X. Same style and finish as above, but in Morocco faced.

34 inch	each,	$24 00
36 "	"	25 50



No. 8 BWG. Canvas covered, leather bound, brass trimmings. A very elegant Trunk made of basswood, covered with canvas and painted, barrel stave top, hardwood slats, corners bound with heavy leather, extra leather center band, all neatly scalloped, long heavy straps over trunk, slats, corners and valance protected by heavy brass clamps, heavy buckle bolt locks, fine Excelsior lock, high set up combination tray with elegant silk hat box, covered hinged tray divided with compartments underneath for collars, cuffs and shirts, linen lined throughout, an elegant gent's Trunk.

32 inch	each,	$15 50
34 "	"	14 50

No. 75. Steamer, canvas covered, brass trimmed. This Trunk is made of selected basswood, covered with heavy canvas, painted, bound with extra heavy leather, scalloped center band over trunk, hickory slats full length, solid brass clamps and corners, valance all around, patent buckle bar bolt locks, fine brass Excelsior lock, covered set up tray with partition, adjustable partition in bottom for hat, Irish linen lined throughout. It is the finest Trunk of the kind made, convenient for short trips and ocean travel, also suitable for sportsmen.

28 inch	each,	$ 7 00
30 "	"	7 50
32 "	"	8 00
34 "	"	8 50
36 "	"	9 00
38 "	"	10 00

All prices on this page are net.

SIMMONS HARDWARE COMPANY

AXE HANDLES.

Fig No. D2127

Hand Made, Single Bit.

Genuine Hand Made on the "Old Wooden Horse," from selected All White Second Growth Swamp Hickory Butts. Every Handle uniform in Pattern, Finish and Quality, thoroughly Seasoned and Stamped with our Brand.

	PER DOZEN.
Nonpareil=Hand Made, **Octagon,** Plain Head, Extra Select Second Growth, 36 in.,	$7.00
Oregonian=Hand Made, **Octagon,** Plain Head, Select Second Growth, 36 in.,	6.00
Colorado =Hand Made, **Octagon,** Plain Head, 1st Quality Second Growth, 36 in.,	5 00
Wyoming =Hand Made, **Oval,** Plain Head, 1st Quality Second Growth, 36 in.,	5 00
Champion=Hand Made, **Octagon,** Plain Head, 1st Quality Second Growth, 36 in.,	4.50

Two or Five Dozen in a Case. Average Weight, per Dozen, 20 lbs.

Fig No. D2128

Hand Shaved, Single Bit.

Hand Shaved and made from Selected Second Growth Swamp Hickory Butts. Standard Pattern, extra in Finish and Thoroughly Seasoned.

	PER DOZEN.
No. C-XXX=Cumberland, Hand Shaved, **Octagon,** Plain Head (Extra Select), 36 in.,	$4.50
No. C-XX=Cumberland, Hand Shaved, **Octagon,** Plain Head (Extra), 36 in.,	3.50
No. C-X=Cumberland, Hand Shaved, **Octagon,** Plain Head (Excelsior), 36 in.,	2.50
No. C-AA=Cumberland, Hand Shaved, **Oval,** Plain Head (Extra Select), 36 in.,	4.00
No. C-A=Cumberland, Hand Shaved, **Oval,** Plain Head (Extra), 36 in.,	3.00
No. C-I=Cumberland, Hand Shaved, **Oval,** Plain Head (Excelsior), 36 in.,	2.00

Two Dozen in a Crate. Average Weight, per Crate, 50 lbs.

Machine Shaved and Turned, Single Bit.

Standard, Shaved, 36 in.

	PER DOZEN.
No. XXX—Octagon, Plain Head,	$3.50
No. XX—Octagon, Plain Head,	3.00
No. X—Octagon, Plain Head,	2.20

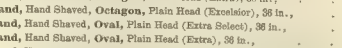
Standard Turned, Plain Head, 36 in.

Nos.,	Extra	Excelsior	1	2	3
Per dozen,	$3.20	2.50	2 00	1 50	1.30

	PER DOZEN.
No. 1—Boys', 28 in.,	$1.50

Two Dozen in a Case. Average Weight, per Crate, 38 lbs.

Fig No. D2129



Nonpareil, Hand Made, Double Bit.

	PER DOZEN.
Nonpareil=Hand Made, **Octagon,** Extra Select Second Growth, 36 in.,	$4.50

Two or Five Dozen in a Case. Average Weight, per Dozen, 20 lbs.

Hand Shaved.

	PER DOZEN.
No. C Extra=Cumberland, Hand Shaved, **Oval** (Extra Select), 36 in.,	$4.00

Two Dozen in a Crate. Average Weight, per Crate, 50 lbs.

Machine Shaved and Turned, Double Bit.

Standard, Shaved.

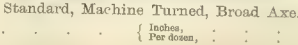
	PER DOZEN.
No. XXX—Shaved, (Pacific Coast Pattern), **38 in.,**	$3.75
No. XXX—Shaved, (Pacific Coast Pattern), **40 in.,**	4.00

Standard Turned.

	PER DOZEN.
No. Extra—Turned, 36 in.,	$3.20
No. Excelsior—Turned, 36 in.,	2.50

Two Dozen in a Case. Average Weight, per Crate, 43 lbs.

Fig No. D2130



Standard, Machine Turned, Broad Axe.

Extra, Reversible,	Inches,	**26**	**36**
	Per dozen,	$3.00	3.50

Two Dozen in a Case. Weight, per Crate, 26 in., 35 lbs.; 36 in., 50 lbs.

SIMMONS HARDWARE CO. COMPANY

HANDLES.

Fig. No. D2153.

Hand Made, Drifting Pick.

PER DOZEN.

Nonpareil—Hand Made, Oval, Extra Select Second Growth, 34 in., ... $4 50

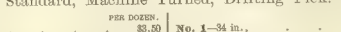
Two or Five Dozen in a Case. Average Weight, per Dozen, 26 lbs.

Standard, Machine Turned, Drifting Pick.

	PER DOZEN.		PER DOZEN.
No. Extra—34 in.,	$3.50	**No. 1**—34 in.,	$2.00
No. Extra—Large Eye End, 34 in.; Size of Eye, $1\frac{1}{8}$ x $3\frac{1}{8}$ in., Three inches up from end of Eye,	3.85	**No. Excelsior**—34 in.,	3.00

Five Dozen in a Case. Average Weight, 148 lbs.

Fig. No. D2152.



Standard, Machine Turned, Poll Pick.

	PER DOZEN.		PER DOZEN
No. Extra—34 in.,	$3.50	**No. 2**—34 in.,	$1.50
No. 1 34 in.,	2.00		

Five Dozen in a Case. Average Weight, 171 lbs.

Fig. No. D2136

Hand Made, Railroad Pick.

PER DOZEN.

Nonpareil—Hand Made, Oval, Extra Select Second Growth, **36 in.,** $5.00

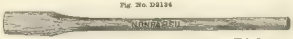
Two or Five Dozen in a Case. Average Weight, per Dozen, 29 lbs.

Standard, Machine Turned, Railroad Pick.

	PER DOZEN.		PER DOZEN
No. Extra—36 in.,	$4.50	**No. 2**—36 in.,	$1.70
No. Excelsior—36 in.,	3.50	**No. A**—36 in.,	1.30
No. 1—36 in.,	2.50		

Five Dozen in a Case. Average Weight, 167 lbs.

Fig. No. D2134



Hand Made, Coal Miners' Pick.

PER DOZEN.

Nonpareil Hand Made, Oval, **Medium Body, Medium Eye** $\frac{7}{8}$ x 3 in., Extra Select Second Growth, 34 in., . $3.00

Two and Five Dozen in a Case.

Cumberland, Hand Shaved, Oval, **Light Body, Medium Eye** $\frac{3}{4}$ x 3 in., Extra Select, 34 in., ... 2.25

Five Dozen in a Case.

Standard, Machine Turned, Coal Miners' Pick.

Medium Body, Medium Eye, $\frac{7}{8}$ x 3 inch.

	PER DOZEN.		PER DOZEN.
No. Extra—34 in.,	$2.00	**No. 1**—34 in.,	$1.40
No. Excelsior—34 in.,	1.60		

Five Dozen in a Case. Average Weight, 110 lbs.

Fig. No. D2135

Standard, Machine Turned, Post Maul.

PER DOZEN.

No. 1—Farmers' Maul, Oval, 36 in., ... $3.10

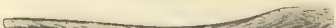
No. 2—Farmers' Maul, Oval, 36 in., ... 1.40

One Dozen in a Bundle. Average Weight, per Dozen, 20 lbs.

SIMMONS HARDWARE COMPANY

HANDLES.

Fig. No. D2136



Standard, Machine Turned, Carpenters' Adze.

	PER DOZEN.		PER DOZEN.
No. Extra 32 in.,	$4.00	**No. 1** -32 in.,	$2 00
No. Excelsior—32 in.,	3.50		

Five Dozen in a Case. Average Weight, 47 lbs.

Fig. No. D2137

Standard, Machine Turned, Grub Hoe.

	PER DOZEN.		PER DOZEN.
No. 10—Adze Eye, 43 in., (No. 1 Quality),	$3.50	**No. 2** Adze Eye, 36 in., (No 2 Quality),	$1 60
No. 1—Adze Eye, 36 in., (No. 1 Quality),	2.75		

Five Dozen in a Case. Average Weight, 125 lbs.

Fig. No. D2138.

Hand Made, Sledge.

Nonpareil—Hand Made, Oval, Extra Select Second Growth,	Inches,	**32**	**34**	**36**
	Per dozen,	$2.00	2.50	3 00

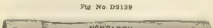
Two or Five Dozen in a Case. Average Weight, per Dozen, 18 lbs.

Standard, Machine Turned, Sledge.

No. Extra—	Inches,	**30**	**32**	**34**	**36**
	Per dozen,	$1.60	1.75	2.00	2 00
No. 1—	Inches,	**30**	**32**	**34**	**36**
	Per dozen,	$1.25	1.40	1.60	1 60

Five Dozen in a Case. Average Weight, 80 lbs.

Fig. No. D2139



Hand Made, Hammer.

Genuine Hand Made, from Selected All White Second Growth Swamp Hickory Butts. Every Handle uniform in Pattern, Finish and Quality, thoroughly Seasoned.

Machinists'.

Hand Made, Oval Eye, Spring Neck, **Light**, Extra Select Second Growth

Nonpareil—	Inches,	**14**	**16**	**18**	**20**
	For Machinists' Hammers, Nos.,	00	0	1 and 2	3 and 4
	Per dozen,	$1.00	1.40	1.80	2 20

Blacksmiths' Hand or Short Striking.

Hand Made, Oval Eye, Spring Neck, **Heavy**, Extra Select Second Growth

Nonpareil	Inches,	**16**	**18**
	For Blacksmiths' Hammers, Nos.,	1	2
	Per dozen,	$1.40	1 80

Standard, Machine Turned, Hammer.

Machinists'.

Machine Turned, Oval Eye, Spring Neck, **Light.**

Inches,	**14**	**16**	**18**	**20**
For Machinists' Hammers, Nos.,	00	0	1 & 2	3 & 4
Per dozen,	$0.60	.65	.80	.90

Blacksmiths'.

Machine Turned, Oval Eye, Spring Neck, **Heavy.**

Inches,	**14**	**16**	**18**	**20**	**22**
For Blacksmiths' Hammers, Nos.,	0	1	2	3	4
Per dozen,	$0.60	.65	.80	.90	.95

HANDLES.

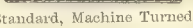
Fig No D2140

Standard, Machine Turned, Macadam or Napping Hammer.

	PER DOZEN.
No. 2—Short Round Eye, Spring Neck, **15 in.,**	$0 60

For Macadam and Napping Hammers, any style or size.

Fig No D2141



Standard, Machine Turned.

Hand Drilling Hammer.

	PER DOZEN.
No. 1—Oval Eye, Tapering, **16 in.,**	$0.65
No. 1—Oval Eye, Tapering, **18 in.,**	.80

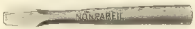
Suitable for No. CHD Hand Drilling or No. NLS and OSS Striking Hammers.

Mason Hammer.

	PER DOZEN.
No. 1—Oval Eye, Tapering, **20 in.,**	$0.90

Suitable for Stone Masons' Hammers, 5 lbs. and under.

Fig No D2142



Adze Eye Nail Hammer.

Hand Made.

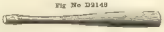
	PER DOZEN.
Nonparell Hand Made, Extra Select Second Growth, 14 in.,	$1.00

Suitable for Nail Hammers all Sizes.

Standard, Machine Turned.

Standard, Inches,	**13**	**14**	**15**
For A. E. Nail Hammers, Nos.	3 & 3 (Small)	1½ (Med.)	1 (Large)
Per dozen,	$0.60	.80	.60

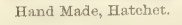
Fig No D2143



Standard, Machine Turned, Riveting Hammer.

Oval Eye, Inches,	**12**	**13**	**14**	**15**
For Riveting Hammers, Nos.	0 & 1	2	3 & 4	5 & 6
Per dozen,	$0 60	60	.60	.60

Fig No D2144



Hand Made, Hatchet.

Extra Select, Second Growth, Standard Pattern.

Shingling.

	PER DOZEN.
Nonparell 14 in.,	$1.00

Broad or Bench.

	PER DOZEN.
Nonparell=17 in.,	$1.60

Standard, Machine Turned, Hatchet.

Shingling.

	PER DOZEN.
No. 1—13 in.,	$0.60
No. 2—14 in.,	.60
No. 3—15 in.,	.60

Broad or Bench.

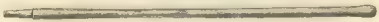
	PER DOZEN.
No. 1—16 in.,	$0.85
No. 2—17 in.,	.75
No. 3—18 in.,	.85

Above are suitable for Shingling, Claw, Half, Lathing and Bench Hatchets, Sizes Nos. 1, 2, 3, respectively, as above named.

SIMMONS HARDWARE COMPANY

HANDLES.

Fig. No. D2145



Eclipse Hay Fork, without Ferrule.

X Quality, Straight, Chucked and Bored.

Feet,	4½	5	5½	6
Per dozen,	$1.40	1.50	1.65	1.85

X Quality, Bent, Chucked and Bored.

Feet,	4	4½	5	5½	6
Per dozen,	$1.70	1.80	1.90	2.05	2 25

X Quality, Two Dozen in a Bundle. Average Weight, 45 lbs.

Extra Quality, Straight, Chucked and Bored.

Feet,	4½	5	5½	6
Per dozen,	$2.05	2.20	2.35	2.55

Extra Quality, Bent, Chucked and Bored.

Feet,	4	4½	5	5½	6
Per dozen,	$2.30	2.45	2.60	2.75	2.95

Extra Quality, Two Dozen in a Crate. Average Weight, 50 lbs.

Eclipse Manure Fork, without Ferrule.

X Quality, Chucked and Bored.

Feet,	4	4½
Per dozen,	$1.75	2.00

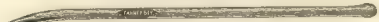
Two Dozen in a Bundle. Average Weight, 40 lbs.

Extra Quality, Chucked and Bored.

Feet,	4	4½
Per dozen,	$2.40	2.75

Two Dozen in a Crate. Average Weight, 45 lbs.

Fig. No. D2146



"Farmer Boy" Hay Fork, with Blued Strap Ferrule.

X Quality, Bent.

Feet,	4½	5	5½	6
Per dozen,	$4.45	4.65	4.80	5.00

Extra Quality, Bent.

Feet,	4½	5	5½	6
Per dozen,	$5.20	5.35	5.50	5.70

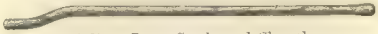
Two Dozen in a Bundle. Average Weight, 70 lbs.

"Farmer Boy" Manure Fork, with Blued Strap Ferrule.

	PER DOZEN.
X Quality, 4½ feet,	$4.75
Extra Quality, 4½ feet,	$5.50

Two Dozen in a Bundle. Average Weight, 75 lbs.

Fig. No. D2147



Eclipse Long Spade and Shovel.

	PER DOZEN.
X Quality, Long Spade,	$2.50
X Quality, Long Shovel,	2.50
Extra Quality, Long Spade,	$3.00
Extra Quality, Long Shovel,	3.00

Two Dozen in a Bundle. Average Weight, 40 lbs. *Two Dozen in a Crate. Average Weight, 45 lbs.*

Fig. No. D2148

Eclipse Garden Hoe.

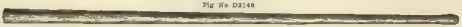
	PER DOZEN.
No. A—X Quality, Chucked and Bored, 4½ feet,	$1.10
No. B—X Quality, Light Cotton or Planters', **not Chucked or Bored,** 5½ feet, 1⅜ in. at Butt,	1.75
No. C—X Quality, Heavy Cotton or Planters', **not Chucked or Bored,** 5½ feet, 1⅜ in. at Butt,	2.00

Two Dozen in a Bundle. Average Weight, 35 lbs.

SIMMONS HARDWARE COMPANY.

HANDLES.

Fig No D2148

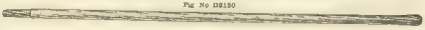


Eclipse Planters' Eye Hoe.

	PER DOZEN.		PER DOZEN
Extra Quality, 5½ ft., **1¼ in.** Butt,	$3.00	**X Quality,** 5½ ft., **1¾ in.** Butt,	$2.47
Extra Quality, 5½ ft., **2 in.** Butt,	3.00	**X Quality,** 5½ ft., **2 in.** Butt,	2.47
Extra Quality, 5½ ft., **2¼ in.** Butt,	3.00	**No. 1**—5½ ft., **1¾ in.** Butt,	2.20
		No. 1—5½ ft., **2 in.** Butt,	2.20

Two Dozen in a Bundle. Average Weight, 50 lbs.

Fig No D2150



Eclipse Garden Rake.

X Quality, Chucked and Bored, 6 feet, ... PER DOZEN $1 50

Two Dozen in a Bundle. Weight, 35 lbs.

Fig No D2151

Cut shows Wood D Manure Fork

Eclipse D Fork, Wood D's.

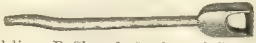
	PER DOZEN.
X Quality, D Manure Fork, Chucked and Bored,	$3.00
No. A -X Quality D Spading Fork, Bored only,	3.00

Eclipse D Fork, Malleable Iron D's.

	PER DOZEN.
No. B—X Quality, Malleable Iron D Spading Fork, Bored only,	$3.00

One Dozen in a Bundle. Average Weight, 25 lbs.

Fig No D2152



Eclipse D Shovel, Spade and Scoop.

X Quality.

	PER DOZEN
X Quality, D Shovel,	$3.35
X Quality, D Spade,	3.35
X Quality, D Scoop,	3 50

Extra Quality.

	PER DOZEN.
Extra Quality, D Shovel,	$3.85
Extra Quality, D Spade,	3.85
Extra Quality, D Scoop,	4.00

Chisholm's, Straight.

	PER DOZEN
Chisholm's, X Quality, D Shovel,	$3.75
Chisholm's, X Quality, Long Shovel,	2 75
Chisholm's, X Quality, D Spade,	3 75

	PER DOZEN.
Chisholm's, X Quality, Long Spade,	$2 75
Chisholm's, X Quality, D Coal Shovel,	3.75
Chisholm's, X Quality, D Scoop,	3.75

Maynard's, Straight

	PER DOZEN.
Maynard's, X Quality, D Spade and Shovel,	$3.75
Maynard's, X Quality, L. H. Spade and Shovel,	2.75

One Dozen in a Bundle. Average Weight, per Dozen, 20 lbs.

DRAIN CLEANER HANDLES.

	PER DOZEN.
Eclipse Drain Cleaner, Extra Quality, 6 ft. x 1½ in. Diameter at Butt End,	$2.50

GERMAN SPADE HANDLES.

Fig No D2153

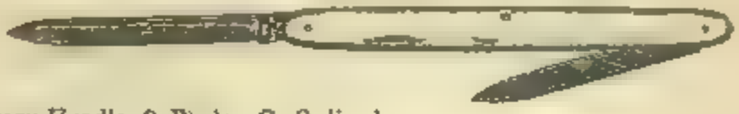
	PER DOZEN.
German Spade, T Pattern, 39 in. Long,	$3.50

One Dozen in a Bundle. Weight, 20 lbs.

Pocket Knives.

THE W. BINGHAM CO.'S.—FULLY WARRANTED.

Fig. 4933

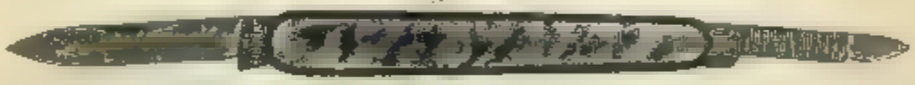


No. 8092I,	2½	inches,	Ivory	Handle,	2	Blades,	G. S. lined,	per dozen,	$7 00
8092P,	2½	"	Pearl	"	2	"	"	"	9 00

Fig. 4934

No. 8147GB,	2½	inches,	Gray Buffalo	Handle,	2	Blades,	Brass Lined, G. S. Tips,	per dozen,	$6 00
8147P,	2½	"	Pearl	"	2	"	" "	"	8 75
8147S,	2½	"	Shell	"	2	"	" "	"	8 75

Fig. 4935

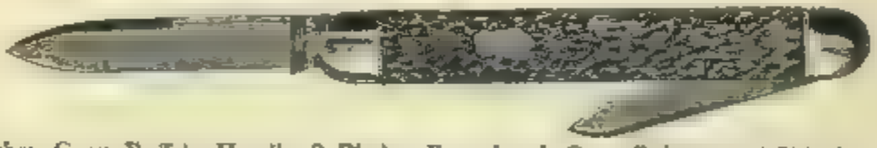


No. 8084I,	2½	inches,	Ivory	Handle,	2	Blades,	Brass lined,	per dozen,	$5 75
8084P,	2½	"	Pearl	"	2	"	"	"	9 00
8084S,	2½	"	Shell	"	2	"	"	"	9 00

Fig. 4936.

No. 6993GB,	3	inches,	Gray Buffalo	Handle,	2	Blades,	Brass lined, G. S. bolsters,	per dozen,	$6 00
6993I,	3	"	Ivory	"	2	"	" "	"	6 00
6993St,	3	"	Stag	"	2	"	" "	"	6 00

Fig. 4937



No. 8188GB,	3	inches,	Gray Buffalo	Handle,	2	Blades,	Brass lined, G. S. Bolsters and Shield,	per dozen,	$7 00
8188I,	3	"	Ivory	"	2	"	" " "	"	7 00
8188P,	3	"	Pearl	"	2	"	" " "	"	9 25
8188St,	3	"	Stag	"	2	"	" " "	"	7 00

Fig. 4938

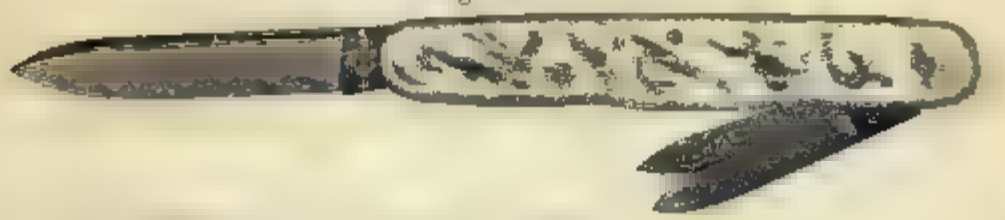
No. 6576GB,	3	inches,	Gray Buffalo	Handle,	2	Blades,	Brass lined, G. S. Bolsters,	per dozen,	$7 00
6576I,	3	"	Ivory	"	2	"	" "	"	7 00
6576P,	3	"	Pearl	"	2	"	" "	"	10 50
6576St,	3	"	Stag	"	2	"	" "	"	7 00

All above Pocket Knives, One-half Dozen in a Box.

Pocket Knives.

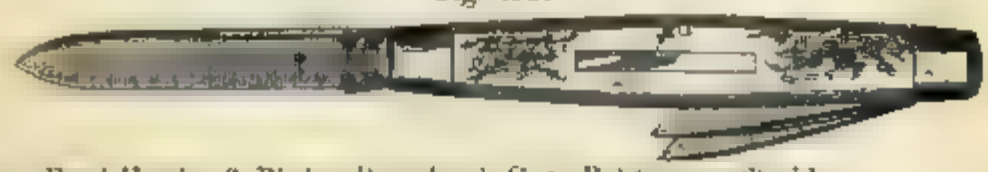
THE W. BINGHAM CO'S.—FULLY WARRANTED.

Fig. 4939.



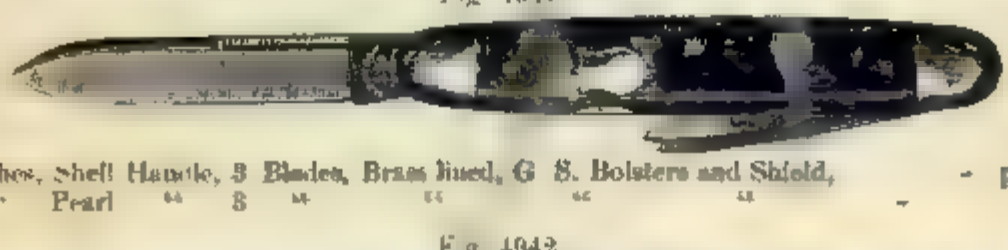
No. 8037GB,	3 inches,	Grey Buffalo Handle,	3	Blades,	G. S. lined,						per dozen,	$ 9 00
8037I,	3 "	Ivory	"	3	"	"					"	9 00
8037P,	3 "	Pearl	"	3	"	"					"	17 00
8037S,	3 "	Shell	"	3	"	"					"	17 00

Fig. 4940



No. 21423,	3 inches,	Pearl Handle,	3	Blades,	Brass lined,	G. S. Bolsters and Shield,					per dozen,	$13 00
21425,	3 "	Shell "	3	"	"	"	"				"	13 00
21427,	3 "	Ivory "	3	"	"	"	"				"	9 00

Fig. 4941

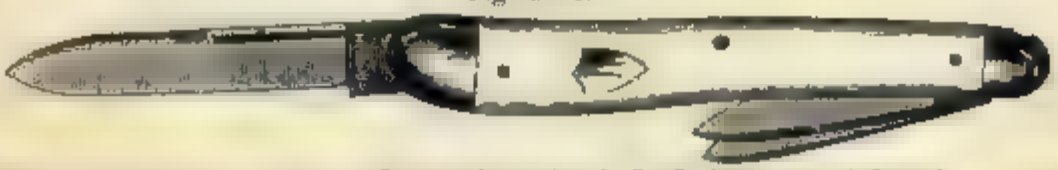


No. 30220,	3 inches,	Shell Handle,	3	Blades,	Brass lined,	G. S. Bolsters and Shield,					per dozen,	$14 00
30227,	3 "	Pearl "	3	"	"	"	"				"	14 00

Fig. 4942.

No. 30221,	3 inches,	Pearl Handle,	3	Blades,	Brass lined,	G. S. Bolsters and Shield,					per dozen,	$19 00
30222,	3 "	Shell "	3	"	"	"	"				"	19 00

Fig. 4943.



No. 30563,	3½ inches,	White Bone Handle,	3	Blades,	Brass lined,	G. S. Bolsters and Shield,					per dozen,	$7 00

Fig. 4944.

No. 8066GB,	3½ inches,	Grey Buffalo Handle,	3	Blades,	Brass lined,	G. S. Bolsters and Shield,					per dozen,	$12 00
8066I,	3½ "	Ivory	"	3	"	"	"	"			"	12 00
8066P,	3½ "	Pearl	"	3	"	"	"	"			"	17 00

All above Pocket Knives, One half Dozen in a Box.

Pocket Knives.

THE W. BINGHAM CO.'S.—FULLY WARRANTED

Fig. 4945.

No. 30293,	3¾	inches,	Pearl	Handle,	3	Blades,	Brass lined,	G. S. Bolster and Shield,	per dozen,	$19 00
30294,	3¾	"	Ivory	"	3	"	"	" "	"	12 00
30225,	3¾	"	Shell	"	3	"	"	" "	"	12 00
30228,	3¾	"	Gray Buffalo	"	3	"	"	" "	"	12 00

Fig. 4946

No. 21363, 3½ inches, Stag Handle, 3 Blades, Brass lined, G. S. Boisters and Shield, - per dozen, $12 00

Fig. 4947

No. 52232, 3¾ inches, Stag Handle, 3 Blades, Lock Back, Brass lined, G. S. Boisters and Shield, per dozen [illegible]

Fig. 4948.

No. 5681GB,	3¾	in.,	Gray Buffalo,	Handle,	Physicians',	2	Blades,	Brass lined, G. S. Bol'r and Cap,	per dozen,	$ 9 00
5681I,	3¾	"	Ivory	"	"	2	"	" " "	"	9 00
5681P,	3¾	"	Pearl	"	"	2	"	" " "	"	18 00
5681¼P,	3¾	"	"	"	"	1	Blade and Spatula, Brass lined, G. S. Bolster and Cap, - - - - -		"	18 00

Fig. 4949.

No. 4497, 2¾ inches, Pearl Handle, 4 Blades, Brass lined, - - per dozen, $13 00

Fig. 4950

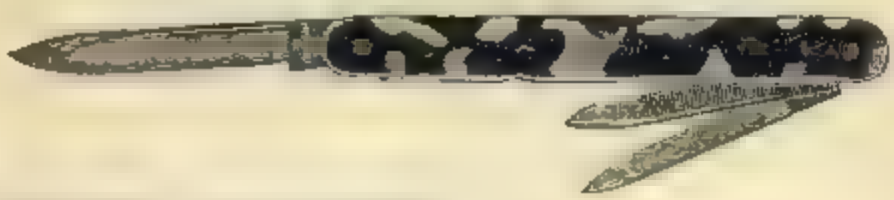
No. 6984P,	2¾	inches,	Pearl	Handle,	4	Blades,	Brass lined,	- -	per dozen,	$17 00
6984S,	2¾	"	Shell	"	4	"	"	- - -	"	17 00

All above Pocket Knives, One half Dozen in a Box.

Pocket Knives.

THE W. BINGHAM CO.'S.—FULLY WARRANTED.

Fig. 4951.

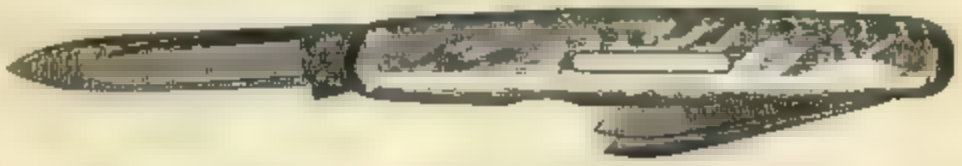


No. 68[illegible]8P,	3 inches,	Pearl Handle,	4 Blades,	Brass lined.		-	per dozen,	$16 00
6853S,	3 "	Shell "	4 "	"	- -	-	"	16 00

Fig. 4952.

No. 69[illegible]3P,	3¼ inches,	Pearl Handle,	4 Blades,	Brass lined,		-	per dozen,	$20 00
69033,	3¼ "	Shell "	4 "	"	- -	-	"	20 00

Fig. 4953.



No. 20[illegible]9b,	3¼ inches.	Pearl Handle,	4 Blades.	Brass lined, G. S. Tips and Shield,		-	per dozen,	$20 00
10[illegible]5,	3¼ "	"	4 "	"	" "	-	"	19 00
3[illegible]1,	3¼ "	Ivory "	4 "	"	" "	-	"	11 00
30[illegible],	3¼ "	Shell "	4 "	"	" "	-	"	19 00

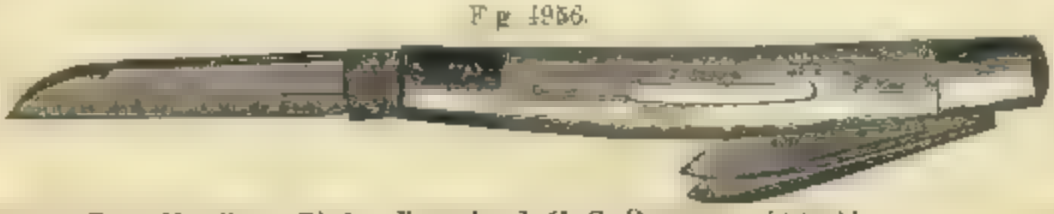
Fig. 4954.

No. 2[illegible]958	3¼ inches.	Pearl Handle,	4 Blades.	Brass lined G. S. Bolsters and Shield.		-	per dozen.	$15 00
20[illegible]60,	3¼ "	Shell "	4 "	"	" "	-	"	15 00
20962,	3¼ "	Ivory "	4 "	"	" "	-	"	9 50

Fig. 4955.

No. 2[illegible]95St,	3¼ inches,	Stag Handle,	4 Blades,	Brass lined, G. S. Bolsters.			per dozen,	$8 00
2[illegible]W B,	3¼ "	White Bone "	4 "	"	"	-	"	8 00
20858GB,	3¼ "	Gray Buffalo "	4 "	"	"	and Shield,	"	9 00
20858I,	3¼ "	Ivory "	4 "	"	"	" -	"	9 00

Fig. 4956.



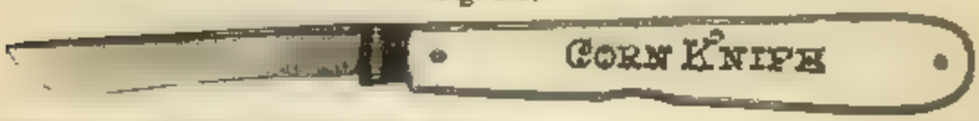
No. 21[illegible]86, 3¼ inches, Pearl Handle, 4 Blades, Brass lined, G. S. Bolsters and Shield, - per dozen, $9 00

All above Pocket Knives, One-half Dozen in a Box.

Pocket Knives.

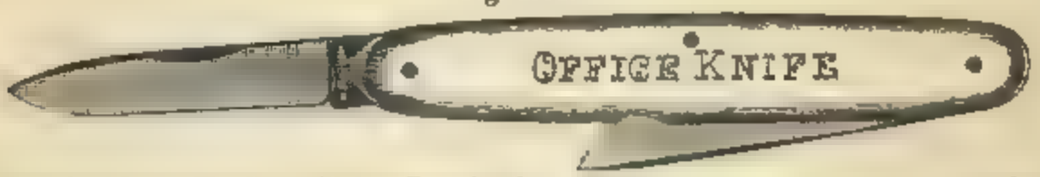
THE W. BINGHAM CO'S.—FULLY WARRANTED

Fig. 4957.



No. 6793I, 3¼ inches, Ivory Handle, 1 Blade, Brass lined, - - per dozen, $[illegible]

Fig. 4958.

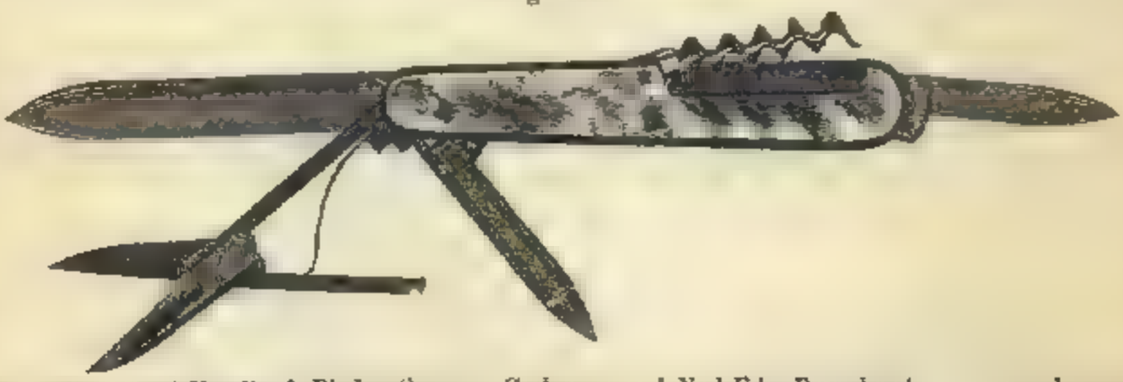


No. 6795I, 3¾ inches, Ivory Handle, 2 Blades, Brass lined, - - per dozen, $12 50

Fig. 4959.

No. 20069, 2¾ inches, Shell Handle, 1 Blade, Scissors and Button Hook, G. S. Lined, Tips and Shield, per dozen, $24 00

Fig. 4960



No. 342, 3 inches, Pearl Handle, 2 Blades, Scissors, Corkscrew and Nail File, Brass lined, - per dozen, $32 00

Fig. 4961

No. 10035, 3 inches, Shell Handle, 3 Blades, Scissors, Corkscrew, Tweezers and Nail File, G. S. lined and Shield, - - - - - - - per dozen, $36 00

All above Pocket Knives, One-half Dozen in a Box.

Pocket Knives.

THE W. BINGHAM CO'S—FULLY WARRANTED

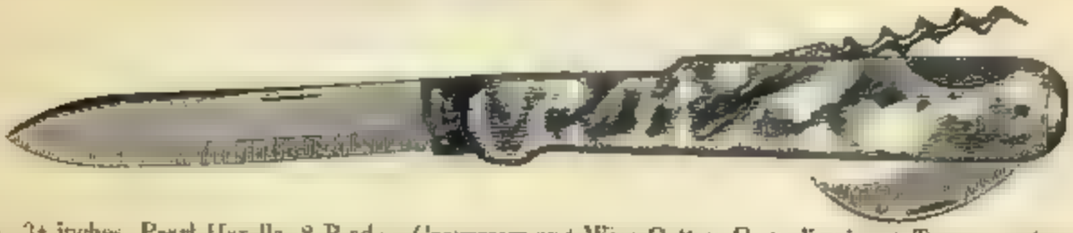
Fig. 4962

No. 10120, 3¼ in., Pearl Handle, 2 Blades, Corkscrew and Wire Cutter, G. S. lined, Bol'rs and Shield, per doz. $24 00
10121, 3¼ " Shell 3 " " " " " " " 24 00
10122, 3¼ " Ivory 2 " " " " " " " 21 00

Fig. 4963

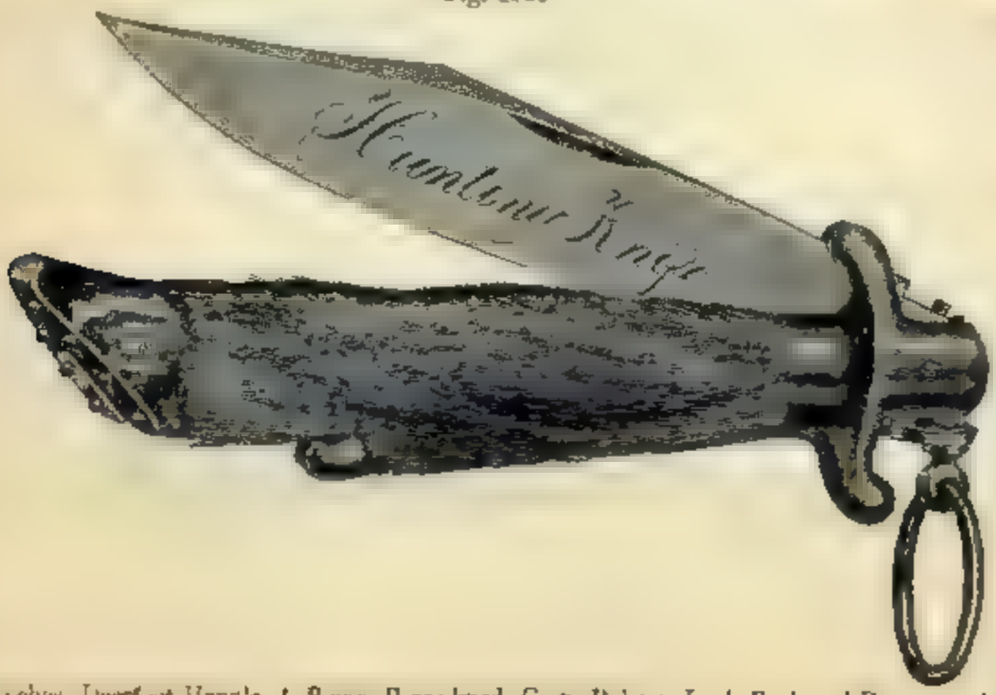
No. 9912, 3½ in., Pearl Handle, 2 Blades, Corkscrew and Wire Cutter, G. S. lined, Bol'r and Shield, per doz. $27 00

Fig. 4964



No. 10106, 3¼ inches, Pearl Handle, 2 Blades, Corkscrew and Wire Cutter, G. S. lined and Tips, per dozen, $36 00

Fig. 4965



No. 10[illegible], 3¼ inches, Deerfoot Handle, 1 Blade, Brass lined, G. S. Bolster, Lock Back and Ring, per dozen, $27 00

All above Pocket Knives, One-half Dozen in a Box.

SIMMONS HARDWARE COMPANY

PLUMBS AND LEVELS.

Fig. No. D620.

Cook's, Patent Adjustable.

Two Bull Side Views (One for Leveling and One for Plumb), Faced on Either Side with Glass.

	PER DOZEN.
No. 6 Solid Cherry, Brass Lipped, Brass Tipped, Assorted 26 to 30 in , . .	$33.00
No. 1 Solid Mahogany, Nickel Plated Lipped, Nickel Plated Tipped, Assorted 26 to 30 in , .	42 00

One-half Dozen in a Box.

LEVELS.

Fig. No. D621.

Davis', Pocket, Iron, Japanned.

	PER DOZEN.
No. 14—3 in. Long, ...	$2 50
No. 15—5 in. Long, .	3.50

One-half Dozen in a Box.

Fig. No. D622.

Davis', Pocket, Iron.

	PER DOZEN.
No. 17—3½ in. Long, for Square or Straight Edge, .	$3.00

One Dozen in a Box.

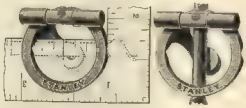
Fig. No. D623.

Pocket.

	PER DOZEN.
No. 40—Japanned Iron, **Japanned Top Plates,** .	$2 50
No. 41—Japanned Iron, **Brass Top Plates,** .	3 00

One Dozen in a Box.

Fig. No. D624.



Bit and Square.

	PER DOZEN.
No. 44—Brass Frame, ...	$3.60

A thumb screw secures the Level to the Bit, and boring can be done with perfect accuracy as to perpendicular, horizontal, or angle of forty-five degrees, by observing the bubble-glass while turning the Bit.

The Frame can also be attached to a Carpenters' Square. Two shoulders rest on the top of the horizontal leg of the square, thus making it an accurate Spirit-Level; and the upright leg of the square will then indicate an exact Plumb-Line.

One-twelfth Dozen in a Box.

LEVEL SIGHTS.

Fig. No. D625.

Cut showing Level Sight and mode of attachment.

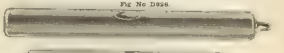
	PER DOZEN PAIRS.
No. 1 Stanley's, Adjustable **Level Sights,** .	$9.00

An ingenious and convenient device, which can be attached to any Level as an accurate means for leveling from one given point to another at a long distance away

One Pair in a Box.

LEVEL GLASSES.

Fig. No. D626.



Level Glasses.

Inches,	$1\frac{3}{4}$	2	$2\frac{1}{2}$	3	$3\frac{1}{2}$
PER GROSS,	$9.50	10.00	10.50	11.50	13 00

	PER GROSS.
Level Glasses, Assorted, $1\frac{3}{4}$, 3 and $3\frac{1}{2}$ in., .	$12.00

One Dozen in a Box.

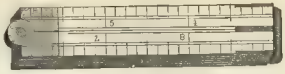
BOXWOOD RULES.

Fig. No. D627

One Foot, Four Fold. PER DOZEN.

No. 69—Round Joint, Middle Plates, 8ths and 16ths of inches, **⅝ in. Wide,** . $3.00

Fig. No. D628.



One Foot, Four Fold. PER DOZEN.

No. 65—Square Joint, Middle Plates, 8ths and 16ths of inches, **⅝ in. Wide,** . . $3.50

One Dozen in a Box.

Fig. No. D629

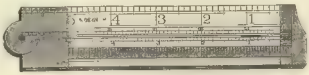
One Foot, Four Fold. PER DOZEN.

No. 55—Arch Joint, Middle Plates, 8ths and 16ths of inches, **⅝ in. Wide,** . . $ 4.00

No. 57—Arch Joint, Full **Brass Bound,** 8ths and 16ths of inches, **⅝ in. Wide,** . 12.00

No. 55, One Dozen; No. 57, One-half Dozen in a Box.

Fig. No. D630

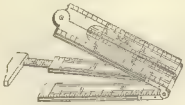


One Foot, Two Fold, Caliper. PER DOZEN.

No. 36½—Caliper, Square Joint, 8ths, 10ths, 12ths and 16ths, **1⅛ in. Wide,** . . $12.00

One-half Dozen in a Box.

Fig. No. D631



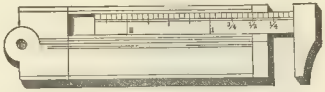
One Foot, Four Fold, Caliper. PER DOZEN

No. 32—Caliper, Arch Joint, Edge Plates, 8ths, 10ths, 12ths and 16ths of inches, **1 in. Wide,** $12.00

No. 32½—Caliper, Arch Joint, Full Bound, 8ths, 10ths, 12ths and 16ths of inches, **1 in. Wide,** 20.00

One-half Dozen in a Box.

Fig. No. D632



Six Inches, Two Fold, Caliper. PER DOZEN.

No. 36—Caliper, Square Joint, 8ths, 10ths, 12ths and 16ths of inches, **⅝ in. Wide,** . $7.00

One Dozen in a Box.

Fig. No. D633

Two Feet, Four Fold. PER DOZEN.

No. 68—Round Joint, Middle Plates, 8ths and 16ths of inches, **1 in. Wide,** $4 00

One Dozen in a Box.

Fig. No. D634

No. 62½.

Two Feet, Four Fold. PER DOZEN.

No. 63½—Square Joint, Edge Plates, 8ths, 10ths and 16ths of inches, **⅝ in. Wide,** $ 8.00

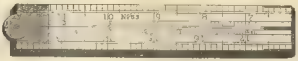
No. 62½—Square Joint, Full **Brass Bound,** 8ths, 10ths, 12ths and 16ths of inches, **⅝ in. Wide,** 15.00

No. 63½, One Dozen; No. 62½, One-half Dozen in a Box

For Comparative Rule List, see Page 123.

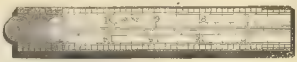
BOXWOOD RULES.

Fig. No. D635.



No. 63.

Fig. No. D636



No. 52.

Two Feet, Four Fold. PER DOZEN

No. 61—Square Joint, Middle Plates, 8ths and 16ths of inches, **1 in. Wide,** . . $ 5.00

No. 63—Square Joint, Edge Plates, 8ths, 10ths, 12ths and 16ths of inches and Drafting Scales, **1 in. Wide,** . . . 7 00

No. 84—Square Joint, Half Brass Bound, 8ths, 10ths, 12ths and 16ths of inches and Drafting Scales, **1 in. Wide,** . . 12.00

No. 62—Square Joint, Full Brass Bound, 8ths, 10ths, 12ths and 16ths of inches and Drafting Scales, **1 in. Wide,** . . 15.00

No. 60—Double Arch Joint, Full Brass Bound, 8ths, 10ths, 12ths and 16ths of inches and Drafting Scales, **1 in. Wide,** 21 00

One-half Dozen in a Box.

Two Feet, Four Fold. PER DOZEN.

No. 51—Arch Joint, Middle Plates, 8ths, 10ths, 12ths and 16ths of inches and Drafting Scales, **1 in. Wide,** . . . $ 6.00

No. 53—Arch Joint, Edge Plates, 8ths, 10ths, 12ths and 16ths of inches and Drafting Scales, **1 in. Wide,** . . . 8 00

No. 52—Arch Joint, Half Brass Bound, 8ths, 10ths, 12ths and 16ths of inches and Drafting Scales, **1 in. Wide,** . . . 13 00

No. 54—Arch Joint, Full Brass Bound, 8ths, 10ths, 12ths and 16ths of inches and Drafting Scales, **1 in. Wide,** . . 16.00

Nos. 51 and 53, One Dozen in a Box.

Nos. 52 and 54, One-half Dozen in a Box.

Fig. No. D637.

Two Feet, Four Fold. PER DOZEN.

No. 70 —Square Joint, Middle Plates, 8ths and 16ths of inches, and Drafting Scales, **1⅛ in. Wide,** . . . $ 7.00

No. 72½—Square Joint, Full Brass Bound, 8ths, 10ths and 16ths of inches and Drafting Scales, **1⅛ in. Wide,** 18.00

No. 70, One Dozen in a Box.

No. 72½, One-half Dozen in a Box.

Fig. No. D638

Two Feet, Four Fold. PER DOZEN.

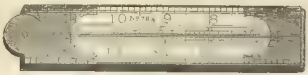
No. 75—Arch Joint, Edge Plates, 8th, 10ths and 16ths of inches, and Drafting Scales, **1⅛ in. Wide,** . . . $11 00

No. 83—Arch Joint, Edge Plates, Slide, 8ths, 12ths and 16ths of inches, 100ths of a foot, and Octagonal Scales, **1⅛ in. Wide,** . 14.00

No. 81—Board Measure, Arch Joint, Edge Plates, 12ths and 16ths of inches and Drafting Scales, **1⅛ in. Wide,** 13.00

One-half Dozen in a Box.

Fig. No. D639



Two Feet, Four Fold. PER DOZEN.

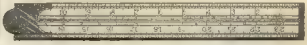
No. 77 Double Arch Joints, Bitted, 8ths, 10ths and 16ths of inches and Drafting Scales, **1⅛ in. Wide,** . . . $12.00

No. 78 —Double Arch Joints, Half Brass Bound, 8ths, 10ths and 16ths of inches and Drafting Scales, **1⅛ in. Wide,** . 20 00

No. 78½ Double Arch Joint, Full Brass Bound, 8ths, 10ths and 16ths of inches and Drafting Scales, **1⅛ in. Wide,** 24.00

One-half Dozen in a Box.

Fig. No. D640



Two Feet, Four Fold. PER DOZEN

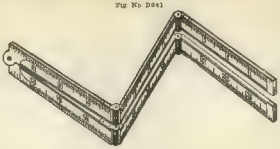
No. 2—Arch Joint, Bitted, 8ths, 10ths and 16ths of inches **Octagonal Scales, 1½ in. Wide,** $8.00

One Dozen in a Box.

For Comparative Rule List, see Page 123

BOXWOOD RULES.

Fig. No. D641



Two Feet, Six Fold.

PER DOZEN.

No. 58 -2 Feet, 6 Fold, Arch Joint, Edge Plates, 8ths, 10ths, 12ths and 16ths, **⅝ in. Wide,** . . $13.00

No. 66½-3 Feet, 4 Fold, Arch Joint, Middle Plates, 8th and 16ths, **1 in. Wide,** . 8.00

One-half Dozen in a Box.

Fig. No. D642.

Ship Carpenters', Bevel.

PER DOZEN.

No. 42—Boxwood, Double Tongue, 8ths and 16ths of inches, ... $6.00

One Dozen in a Box.

Fig. No. D643.

Two Feet, Two Fold, Slide.

PER DOZEN.

No. 12 Arch Joint, Bitted, Gunter's Slide, 8ths, 10ths and 16ths of inches, 100ths of a foot, Drafting and Octagonal Scale, **1½ in. Wide,** $14.00

One-half Dozen in a Box.

Fig. No. D644

Engineers', Two Feet, Four Fold.

PER DOZEN.

No. 15½—Arch Joint, Plates on Outside of Wood, 8ths and 16ths, Drafting and Octagonal Scales, **1¼ in. Wide,** . . $10.00

One-half Dozen in a Box.

Fig. No. D645

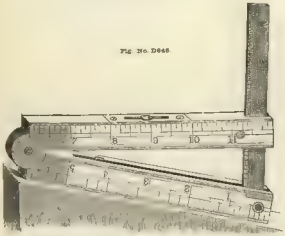
Architects', Two Feet, Four Fold.

PER DOZEN.

No. 53½—Arch Joint, Edge Plates, 8ths, 10ths, 12ths and 16ths of inches, with **Inside Beveled Edges** and **Architects' Drafting Scales, 1 in. Wide,** . . $15.00

One Dozen in a Box.

Fig. No. D646



Combination, One Foot, Two Fold.

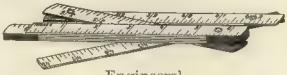
PER DOZEN.

No. 036—Square Joint, Full Brass Bound, 10ths, 12ths, 16ths and 24ths and Drafting Scales, **⅛ in. Thick, 1 5/16 in. Wide,** . $40.00

Is a combined Rule, Plumb and Level, Try-Square and Bevel.

One-half Dozen in a Box.

Fig. No. D647



Engineers'.

PER DOZEN.

No. 593/2—4 Feet, 8 Fold, Infrangible, 16ths and Meter, **⅝ in. Wide,** . . $11.00

No. 593/4—2 Feet, 4 Fold, with Springs, 16ths, **⅝ in. Wide,** . . . 8.00

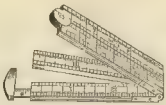
No. 593/8—4 Feet, 8 Fold, with Springs, 16ths, **⅝ in. Wide,** . . . 14 50

One Dozen in a Box.

For Comparative Rule List, see Page 123.

IVORY RULES.

Fig No. D642.



One Foot, Four Fold, Caliper.

PER DOZEN.

No. 39—Caliper, Square Joint, German Silver Edge Plates, 8ths, 10ths, 12ths and 16ths, ⅞ **in. Wide,** . $33.00

No. 40—Caliper, Square Joint, Full German Silver Bound, 8ths and 16ths, ⅝ **in. Wide,** . . 44.00

One-half Dozen in a Box.

Fig No. D649.

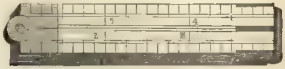
One Foot, Four Fold.

PER DOZEN.

No. 90—Round Joints, Middle Plates, 8ths and 16ths, ½ **in. Wide,** $10.00

One Dozen in a Box.

Fig. No. D650.



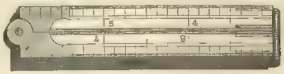
One Foot, Four Fold.

PER DOZEN

No. 92—Square Joint, German Silver Edge Plates, 8ths and 16ths, ⅝ **in. Wide,** . $17.00

One-half Dozen in a Box.

Fig. No. D651.



One Foot, Four Fold.

PER DOZEN.

No. 88—Arch Joint, Full German Silver Bound, 8ths and 16ths, ⅝ **in. Wide,** . . $32.00

One-half Dozen in a Box.

Fig. No. D652

Six Inches, Two Fold, Caliper.

PER DOZEN.

No. 38 Caliper, German Silver Mounted, 8ths, 10ths and 16ths, ⅞ **in. Wide,** . $15.00

No. 40½—Caliper, Square Joint, Full German Silver Bound, 8ths and 16ths, ⅝ **in. Wide,** 24.00

One Dozen in a Box.

Fig. No. D653

Two Feet, Four Fold.

PER DOZEN

No. 85—German Silver Edge Plates, 8ths, 10ths, 12ths and 16ths, ⅞ **in. Wide,** $54.00

One-twelfth Dozen in a Box.

Fig. No D654.

Two Feet, Four Fold.

PER DOZEN.

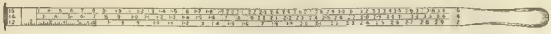
No. 87—Arch Joint, Full German Silver Bound, 8ths, 10ths, 12ths, 16ths and Drafting Scales, **1 in. Wide,** $80.00

One-twelfth Dozen in a Box.

For Comparative Rule List, see Page 123.

BOARD MEASURES.

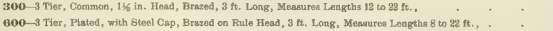
Fig. No. D355



No. 100.

		PER DOZEN.
No. **100**—3 Tier, Inspectors', with Handle, 3½ ft. Long, Measures Lengths 12 to 22 ft.		$27.00
No. **200**—3 Tier, Extra Heavy, Steel Head, Brazed, 3 ft. Long, Measures Lengths 12 to 22 ft.,		25.00
No. **300**—3 Tier, Common, 1½ in. Head, Brazed, 3 ft. Long, Measures Lengths 12 to 22 ft.,		23.00
No. **600**—3 Tier, Plated, with Steel Cap, Brazed on Rule Head, 3 ft. Long, Measures Lengths 8 to 22 ft.,		27.00
No. **800**—4 Tier, Common, Steel Head, Brazed, 3 ft. Long, Measures Lengths 8 to 22 ft.,		25.00
No. **1200**—4 Tier, Plated, with Steel Cap, Brazed on Rule Head, 3 ft. Long, Measures Lengths 8 to 22 ft.,		28.00

Fig. No. D356



No. 48½.

	PER DOZEN.
No. **48½**—Walking Cane, Log Measure, Doyle's Revised, Octagon, Hickory, Solid Cast Brass Head and Tip,	$15.00

YARD STICKS.

Fig. No. D357

No. 50

	PER DOZEN.
No. **41**—Brass Tipped, Polished Maple,	$3.50
No. **50**—Brass Capped Ends, Polished Hickory,	4.50

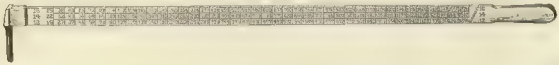
One-half Dozen in a Package.

LOG RULES.

Fig. No. D358

	PER DOZEN.
No. **1400**—Square Head, 42 in. Long, **Figured 36 in., Scribner's Scale, 3 Tier, Measures Lengths 8 to 20 ft.,**	$23.00
No. **1500**—Square Head, 56 in. Long, **Figured 48 in., Scribner's Scale, 3 Tier, Measures Lengths 12 to 24 ft.,**	27.00

Fig. No. D359



	PER DOZEN.
No. **1600**—Solid Hook Head, 56 in. Long, **Figured 48 in., Scribner's Scale, 3 Tier, Measures Lengths 12 to 24 ft.,**	$27 00

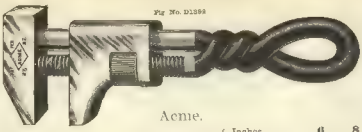
Packed Loose.

NOTE.—Doyle's and Decimal Scales can be furnished on **Special Order** only, at same price as Scribner's; also the Combined Doyle and Scribner Rule, (the Combined Rule uses Doyle Figures up to 28 in. diameter and Scribner Figures from 29 in. and upwards.)

SIMMONS HARDWARE COMPANY

WRENCHES.

Fig No. D1393



Acme.

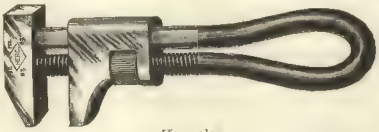
No. A—Acme, Machinists', Bright Finish Jaws, Japanned Handle,	Inches,	6	8	10	12	15
	PER DOZEN.	$9.00	10.00	12.00	14.00	24.00

PER DOZEN.

No. C—Acme, Pocket or Bicycle, 5 in., Bright Finish Jaws and Handle, ... $8.00

One-half Dozen in a Wood Box.

Fig No D1399



Hercules.

Case Hardened, Malleable Head and Slide, All Steel Bar and Handle.

Hercules, Machinists', Bright Finish Jaws, Japanned Handle,	Inches,	6	8	10	12	
	PER DOZEN,	$9.00	10.00	12.00	14 00	

PER DOZEN.

Hercules, Bicycle, 4½ in., Bright Finish Jaws and Handle, ... $8.00

One-half Dozen in a Package.

Table of Weights and Contents of Cases

Acme and Hercules,	Inches,	6	8	10	12	15
	In a Case, dozen,	6	6	6	6	2
	Average Weight, per Case, lbs.,	53	100	150	226	180

Fig. No D1398.

Stillson's Pipe.

Inches, Open,	6	8	10	14	18	24	36	48
Takes from	⅜ in. Wire to ⅛ in. Pipe.	⅛ in. Wire to ¾ in. Pipe.	⅛ in. Wire to 1 in. Pipe.	¼ in. Wire to 1½ in. Pipe.	¼ in. Wire to 2 in. Pipe.	¼ in. Wire to 2½ in. Pipe.	⅛ in. Pipe to 3½ in. Pipe.	1 in. Pipe to 5 in. Pipe.
EACH,	$2.00	2.00	2.25	3.00	4.00	6.00	12.00	18.00

10 in. and Larger have Double Spring. 6 to 14 in., have Wood Handle. 18 in. and Larger, have Steel Handle.

6 to 24 in., One-half Dozen in a Wood Box. 36 and 48 in., Packed Loose.

Extra Frames for Stillson's Wrenches.

Extra Frames for Stillson's Wrenches,	Inches,	6	8	10	14	18	24	36	48
	EACH,	$0.25	.25	.33	.45	.55	.65	.75	1.00

Extra Jaws for Stillson's Wrenches.

Inches,	6	8	10	14	18	24	36	48
EACH,	$0.67	.67	.75	1.00	1.33	2.00	4.00	6.00

Extra Nuts for Stillson's Wrenches.

Inches,	6	8	10	14	18	24	36	48
EACH,	$0.20	.20	.27	.35	.42	.50	.65	.80

SIMMONS HARDWARE COMPANY

PIPE TONGS.

Fig. No. D1383

Brown's, Adjustable.

Brown's, Adjustable,	Nos.,	1	1½	2	3	4
	For Pipe, Size, inches,	¼ to ¾	⅜ to 1	½ to 1¼	1 to 2	1½ to 3
	Each,	$1.30	1.65	2.00	3.00	6.00

PIPE CUTTERS.

Fig. No. D1384

Comstock's.

	EACH
No. 1—Comstock's, Forged Steel, Cuts from ¼ to 1¼ in.; Weight, per dozen, 42 lbs.,	$4 50
No. 2—Comstock's, Forged Steel, Cuts from ⅜ to 2½ in.; Weight, per dozen, 63 lbs.,	6.00
No. 3—Comstock's, Forged Steel, Cuts from 1½ to 4 in.; Weight, per dozen, 90 lbs.,	10.00

Extra Cutter Wheels for Comstock's Cutters,	Nos.,	1	2	3
	Each,	$0.25	.35	.50

Fig. No. D1385

Stanwood's.

	EACH
No. 1—Stanwood's, Case Hardened, Cuts ¼ in. to 1 in.,	$1.50
No. 2—Stanwood's, Case Hardened, Cuts 1 in. to 2 in.,	2.25
No. 3—Stanwood's, Case Hardened, Cuts 2 in. to 3 in.,	7 00

Fig. No. D1386.

Fig. No. D1387.

Stanwood's Cutter Blocks and Wheels.

Cutter Wheels for Stanwood's Cutters.

Nos.,	1	2	3
Each,	$0.12	.18	.25

Cutter Blocks and Wheels for Stanwood's Cutters.

Nos.,	1	2	3
Each,	$0.45	60	1 25

WRENCHES.

Fig. No. D1366

Bemis & Call's Pipe No. 3.

Bright, with Long Nut.

No. 3—Bemis & Call's, **Pipe,**	Inches,	**10**	**12**	**15**	**18**
	Adjustable to Pipe, Diameter, inches,	½ to 1	½ to 1¾	½ to 2	½ to 2½
	PER DOZEN,	$28.50	35.00	40.00	52.50

Fig. No. D1399.

Bemis & Call's Combination.

Bright, with Long Nut.

Bemis & Call's **Combination,**	Inches,	**10**	**12**	**15**	**18**
	Adjustable to Pipe, Diameter, inches,	½ to 1	½ to 1¾	½ to 2	½ to 3
	PER DOZEN,	$25.25	28 50	40.50	66.00

Extra Dogs or Grips, for B. & C. Combination Wrenches,	Inches,	**10**	**12**	**15**	**18**
	EACH,	$0.25	.30	35	.45

Fig. No. D1397

Fig. No. D1398

Boardman's Combination.

	PER DOZEN.
No. 0—4½ in., Opens 1 in., Nickel Plated,	$8.50
No. 1—6 in., Opens 1½ in., Nickel Plated,	11.00

Above Comprises 6 Useful Tools, viz: Screw Wrench, Pipe Wrench, Hammer, Nail Claw, Screw Driver, Bit Handle or Socket Wrench.

One-half Dozen in a Package.

WRENCHES.

Fig. No. D1388.

Coe's, Genuine Knife Handle.

Coe's, Genuine, **Black,** . .	Inches,	**6**	**8**	**10**	**12**	**15**	**18**	**21**
	Per dozen,	$8.00	10.00	12.00	14.00	24.00	30.00	36.00
Coe's, Genuine, **Bright,** . .	Inches,	.	.	**6**	**8**	**10**		**12**
	Per dozen,	.	.	$10.00	11 00	14 00		16.00

Fig. No. D1389

Girard.

Girard—Standard, Black, Heavy Wrought Bar Head and Screw, . .	Inches,	**6**	**8**	**10**	**12**	**15**	**18**	**21**
	Per dozen,	$9.00	10.00	12.00	14 00	24 00	30.00	38 00

Agricultural.

Agricultural—Black, Light Wrought Bar Head and Screw, . .	Inches,	**6**	**8**	**10**	**12**	**15**
	Per dozen,	$9.00	10.00	12.00	14 00	24 00

6 to 15 in., One-half Dozen; 18 and 21 in., One-third Dozen in a Package.

Table of Weights and Contents of Cases.

	6	**8**	**10**	**12**	**15**	**18**	**21**
Inches, ...	6	6	6	6	3	2	1
In a Case, dozen, ...	59	59	157	228	174	165	114
Coe's, Average Weight, per case, lbs., .	59	106	170	230	160	170	110
Girard, Average Weight, per case, lbs., .	60	105	152	180	141		
Agricultural, Average Weight, per case, lbs.,							

Fig. No. D1390.

Fig. No. D1391.

Pocket.

PER DOZEN.

No. 1P 4 in., Adjustable Pocket, Malleable Iron, Nickel Plated, ... $4.50

One-half Dozen in a Box.

PER DOZEN.

No. 1—4 in., Billings', Norway Iron and Steel, **Oil Finish,** . . . . . $ 9.00

No. 2—4 in., Billings', Norway Iron and Steel, **Nickel Plated,** 10.00

One-twelfth Dozen in a Box.

WRENCHES.

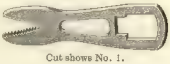
Fig. No. D1899

Trimo, Pipe, Japanned Steel Handle.

Length Open, in inches,		6	8	10	14	18	24	36	48
Takes from		⅛ in. Wire to ½ in. Pipe.	⅛ in. Wire to ¾ in. Pipe.	⅛ in. Wire to 1 in. Pipe.	¼ in. Wire to 1½ in. Pipe.	¼ in. Wire to 2 in. Pipe.	¼ in. Wire to 2½ in. Pipe.	¼ in. Pipe to 3½ in. Pipe.	1 in. Pipe to 5 in. Pipe.
Wrenches,	EACH.	$2 00	$2.00	$2 25	$3.00	$4.00	$6 00	$12.00	$18.00
Jaws,	"	.57	.67	.75	1.00	1.33	2 00	4 00	6.00
Nuts,	"	.20	.20	.27	35	.42	.50	65	.80
Inserted Jaws,	"	.25	.25	.33	.50	.55	65	1 00	1.25
Frames,	"	25	.25	33	.45	.55	.65	75	1.00

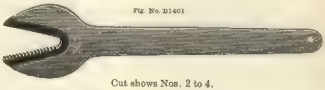
6 to 24 in., Two; 36 and 48 in., One in a Wood Box.

Fig. No. D1400



Cut shows No. 1.

Fig. No. D1401



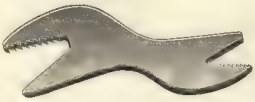
Cut shows Nos. 2 to 4.

Alligator, Tempered Steel Jaws.

Nos.,	1	2	3	4
Holds Pipe, inches,	⅛ to ⅜	⅜ to ¾	½ to 1¼	1¼ to 2
Holds Round Iron, inches,	¼ to ¾	½ to 1	¾ to 1½	1½ to 2½
Length, inches,	5¾	10	16	22
PER DOZEN,	$4.00	12.00	24.00	36 00

No. 1, One Dozen in a Package. Nos. 2, 3 and 4, Packed Loose.

Fig. No. D1402



Always Ready, Nickel Plated.

	PER DOZEN
No. 1 — 5 in., takes Nut or Pipe ¼ to ¾ in.,	$ 5.00
No. 2 — 7 in., takes Nut or Pipe ¼ to 1¼ in.,	6.75
No. 2½— 9 in., takes Nut or Pipe ¾ to 1¾ in.,	10.50
No. 3 —11 in., takes Nut or Pipe ¾ to 1¾ in.,	16.00

One-half Dozen in a Box.

Fig. No. D1403

Baxter's, Adjustable, Bright.

Inches,	4	6	8	10
PER DOZEN,	$6.00	9.00	12.00	18.00

One-half Dozen in a Package.

WRENCHES.

Fig. No. D1404

Green River Rim.

PER DOZEN.

Green River Rim, for taking off and putting on Nuts on Tire Bolts in an awkward place inside Carriage Fences, adapted for use on Nuts 1/8, 3/16, 1/4 in., ... $18.00

Fig. No. D1405

Machine.

Fig. No. D1406

S.

Malleable Iron.

		PER POUND.					PER POUND.
No. 2335D Machine Wrenches, 8 in.,	.	$	S-Wrenches,	Nos.,	**2340C**	**2340A**	**2340B** $
				Inches,	9	11	12

Fig. No. D1407

Carriage.

										PER POUND.
Carriage Wrenches, Extra Deep,	Nos.,	**2320B**	**2320C**	**2320D**	**2320E**	**2320F**	**2320G**	**2320H**	**2320J**	$
	Inches,	7/8	1	1 1/8	1 1/4	1 3/8	1 1/2	1 3/4	2	

Wrenches.

BOARDMAN'S PATENT COMBINATION POCKET

Fig. 1372.

Fig 1373.

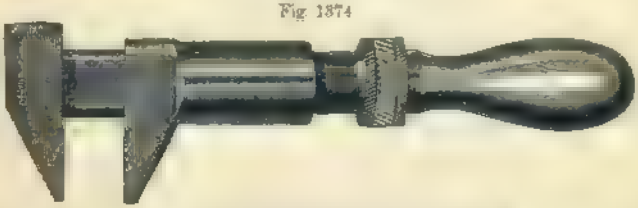
This Combination comprises Six useful Tools Screw Wrench, Pipe Wrench, Hammer, Nail Claw, Screw Driver, Bit Handle or Socket Wrench

No 0, Solid Cast Steel Head and Jaws, Nickel-plated, Length 4½ inches, Opens 1 inch, - per dozen, $ 8 50
1, " " " " " 6 " " 1¼ " " 11 00

One-half Dozen in a Box

LITTLE GIANT POCKET

Fig 1374

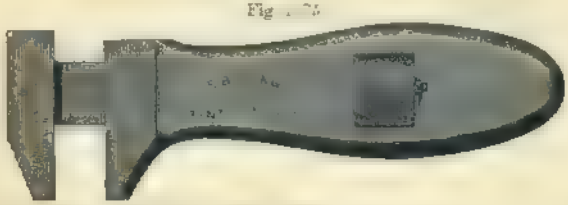


No. 3, Little Giant, Length 5 inches, Nickel plated Graduated Bar, Opens ¾ inch - per dozen, $10 00

One-half Dozen in a Box

ADJUSTABLE BICYCLE OR POCKET.

Fig 1375



No. 2, Favorite, Length 4 inches, Nickel-plated, Opens 1 inch, - - - per dozen, $ 5 00
4, Billings', Drop-Forged, from Bar Steel, Length 4 in., Black, Opens 1 in., Graduated Bar, " 9 00
5, " " " " " 4 " Nickel plated, " 1 " " " 10 00

No. 2, One-half Dozen in a Box, Nos. 4 and 5, One only in a Box

H. B. & CO.'S ADJUSTABLE BICYCLE OR POCKET

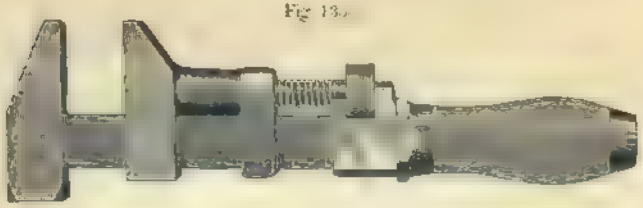
Fig 1376.

No. 6, H. B. & Co.'s, Drop-Forged, from Bar Steel, Length 5 inches, Black, Opens 1¼ inch, per dozen, $ 9 00
" 7, " " " " " 5 " Nickel-plated, " 1¼ " " 10 00

One only in a Box

Wrenches.

Fig 13[illegible]



No. 2. Agricultural, Black

Length, - - - - Inches,	6	8	10	12	15
Per Dozen,	$9 00	10 00	12 00	14 00	24 00

No. 1, Machinists, Black

Length, - - - Inches,	6	8	10	12	15	18
Per Dozen,	$9 00	10 00	12 00	14 00	24 00	30 00

COE'S GENUINE BLACK.

Fig 1357

Length, - - Inches,	6	8	10	12	15	18	21
Per Dozen,	$9 00	10 00	12 00	14 00	24 00	30 00	36 00

6 to 12 inches, One half Dozen in a Package 15 to 21 inches, One-third Dozen in a Package

COE'S KNIFE HANDLE.

Fig. 1358

Sectional View of Wrench showing Bar Keyed to Handle.

Fig 1359

Wrench Complete.

Black.

Inches,	6	8	10	12	15	18	21
Per Dozen,	$9 00	10 00	12 00	14 00	24 00	30 00	36 00

6 to 12 inches, One half Dozen in a Package, 15 to 21 inches, One-third Dozen in a Package.

Wrenches.

W. BAXTER'S ADJUSTABLE.

Fig. 1377.

	Inches,	4	6	8	10
Full Polished, - - -	Per Dozen,	$6 00	9 00	12 00	18 00

One-half Dozen in a Package.

W. BAXTER'S ADJUSTABLE DIAGONAL

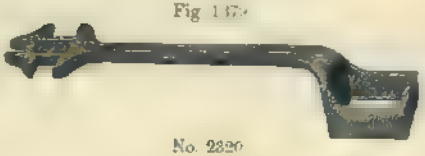
Fig. 1378.

	Inches,	6	8	10
Black, Punished Heads, - - - -	Per Dozen,	$9 00	12 00	18 00

One-half Dozen in a Package

MALLEABLE IRON

Fig 1379



No. 2320

Deep Pattern.

		A	B	C	D	E	F
Axle Nuts, -	Inches,	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{8}$	$1\frac{1}{2}$	$1\frac{5}{8}$
Nuts, -	"	$\frac{1}{2}$, $\frac{3}{4}$, $\frac{3}{4}$	$\frac{7}{8}$, $\frac{1}{1}$, $\frac{1}{2}$	$\frac{1}{1}$, $\frac{1}{2}$, $\frac{1}{2}$	$\frac{1}{2}$, $\frac{3}{4}$, $\frac{3}{4}$	$\frac{1}{1}$, $\frac{1}{2}$, $\frac{1}{2}$	$\frac{1}{1}$, $\frac{1}{2}$, $\frac{1}{2}$
Length, -	"	$8\frac{1}{4}$	9	$9\frac{1}{2}$	$9\frac{3}{4}$	10	$10\frac{1}{2}$

Per Pound, - $\frac{3}{4}$

BILLINGS & SPENCER'S MACHINE, DROP-FORGED STEEL, UNFINISHED

Fig 1380

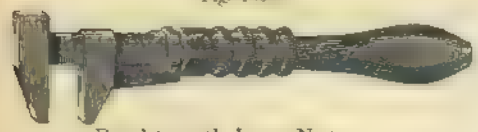
No. 4, Length $6\frac{1}{2}$ inches, Size of Opening $\frac{3}{8}$ inch, - - - - - per dozen, $9 40

The Opening in this Wrench will finish $\frac{1}{4}$ inch.

Wrenches.

A. D. BRIGGS' PATTERN.

Fig. 1360.



Bright, with Long Nut

Length, Inches,	8	10	12	15	18
Per Doz.,	$13 75	17 50	20 00	32 50	40 00

THE DIAMOND.

Fig. 1361.

Bright, with Wing Nut, Vise Grip

Length,	Inches,	10	12
	Per Dozen,	$12 00	15 00

PIPE ATTACHMENT

Fig. 1362.

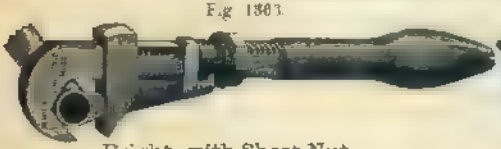
No. 71, For converting an ordinary Screw Wrench to a Pipe Wrench, per dozen, $8 00

This Attachment consists of a Cylinder of Hardened Steel ⅝ inch diameter, with Wire Handle. The Cylinder rolls in between the Jaw of the Wrench and any round iron or pipe, causing the Wrench to grip it firmly.

BEMIS & CALLS IMPROVED CYLINDER OR GAS PIPE.

Warranted Steel Head and Jaw

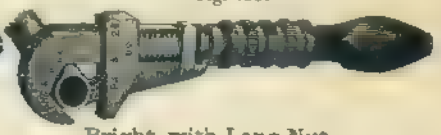
Fig. 1363.



Bright, with Short Nut.

					Per Doz.
10-inch,	Adj.	to Pipe from	¼ to 1	inch in Diam.,	$19 00
12 "	"	"	¼ to 1¼	" "	22 00
15 "	"	"	¼ to 2	" "	31 00
18 "	"	"	¼ to 2½	" "	48 00

Fig. 1364



Bright, with Long Nut.

					Per Doz.
10 inch,	Adj.	to Pipe from	¼ to 1	inch in Diam.,	$20 75
12 "	"	"	¼ to 1¼	" "	24 00
15 "	"	"	¼ to 2	" "	34 00
18 "	"	"	¼ to 2½	"	50 00

Extra Steel Dogs, with Screws, for B. & C. Cylinder Wrenches.

For Wrench, Length,	Inches,	10	12	15	18
	Each,	$0 17	0 21	0 25	0 31

STILLSON'S PATENT PIPE.

Fig. 1365.

Length, Inches,	6	8	10	14	18	24	36	48
Takes from	¼ in. wire to ⅛ in. pipe	¼ in. wire to ¼ in. pipe	¼ in. wire to 1 in. pipe	¼ in. wire to 1½ in. pipe	¼ in. wire to 2 in. pipe	¼ in. wire to 2½ in. pipe	½ in. pipe to 3½ in. pipe	1 in. pipe to 5 in. pipe
Each,	$2 00	2 00	2 25	3 00	4 00	6 00	12 00	18 00

Wrenches.

BEMIS & CALL'S PATENT COMBINATION.

Warranted Steel Head and Jaw.

Fig. 1366.

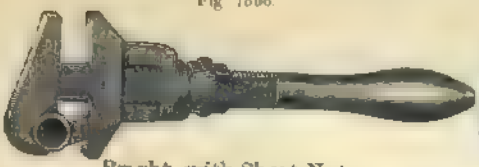


Fig. 1367.

Bright, with Short Nut.

					Per Doz.
10-inch,	Adj. to Pipe,	½ to 1	inch in Diameter,		$23 00
12 "	"	½ to 1½	"	"	26 00
15 "	"	½ to 2	"	"	37 00

Bright, with Long Nut.

					Per Doz.
10-inch,	Adj. to Pipe,	½ to 1	inch in Diameter,		$25 25
12 "	"	½ to 1½	"	"	28 50
15 "	"	½ to 2	"	"	40 50

Extra Steel Dogs, with Screws for B. & C. Combination Wrenches.

For Wrench, Length,	10	12	15
Each,	$0 17	0 21	0 25

DONOHUE'S PATENT ENGINEERS'.

Perfect in Construction, Drop-Forged Steel Bars. All Parts Interchangeable.

Fig. 1368.

Bright, with Short Nut.

Fig. 1369.

Bright, with Long Nut.

Short Nut.

					Per Doz.
10-inch,	Adj. to Pipe	½ to 1	inch in Diameter,		$23 00
12 "	"	½ to 1½	"	"	26 00
15 "	"	½ to 2	"	"	37 00

Long Nut.

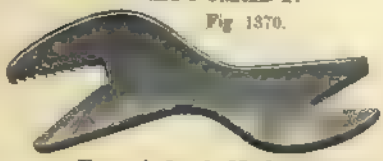
					Per Doz.
10-inch,	Adj. to Pipe	½ to 1	inch in Diameter,		$25 25
12 "	"	½ to 1½	"	"	28 50
15 "	"	½ to 2	"	"	40 50

Extra Steel Dogs, with Screws, for Donohue's Engineers' Wrenches.

For Wrench, Length,	10	12	15
Each,	$0 25	0 30	0 35

ALWAYS READY.

Fig. 1370.



Forged Steel, Nickel-plated.

	Number,	1	2	3	4
Length.	Inches,	5¾	-	11	
Holds Pipe	In	¼ to ¾	¼ to 1¼	¼ to 2	Bicycle
	Per Doz.	$5 00	6 75	16 00	5 00

THE ALLIGATOR.

Fig. 1371.

Forged Iron, Steel Jaws.

	Number,	1	2	3	4	5
Length.	Inches.	5¾	10	16	22	27
Holds Pipe,	In	¼ to ¾	¼ to ¾	¼ to 1¼	1¼ to 2	2 to 3
	Per Doz.	$4 00	12 00	24 00	36 00	54 00

Wrenches.

BILLINGS & SPENCER'S MACHINE.

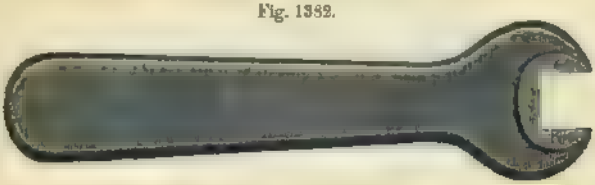
Drop Forged Steel.

Fig. 1381.

Finished and Case Hardened.

No. 6, Length 5 inches, Thickness of Heads $\frac{3}{8}$ inch, Size of Openings $\frac{7}{16}$ and $\frac{11}{16}$ inch, - per dozen, $4 90

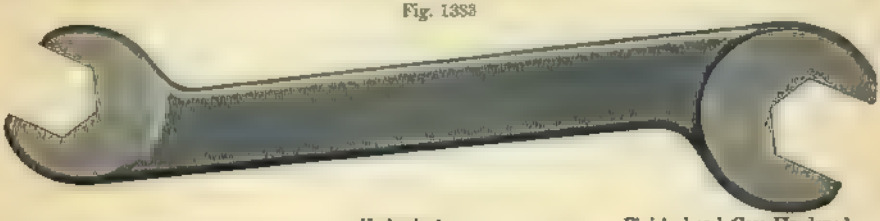
Fig. 1382.



Finished and Case-Hardened.

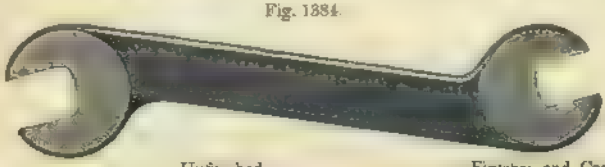
No. 11, Length 4½ inches, Thickness of Heads $\frac{3}{8}$ inch, Size of Opening $\frac{7}{16}$ inch, - - per dozen, $3 60

Fig. 1383.



		Unfinished.					Finished and Case-Hardened.				
	Nos.	31	32	33	34	35	31	32	33	34	35
Length,	Inches,	13	11	8¾	7	5	13	11	8¾	7	5
Thickness of Heads,	"	$\frac{3}{4}$	$\frac{11}{16}$	$\frac{1}{2}$	$\frac{7}{16}$	$\frac{1}{4}$	$\frac{3}{4}$	$\frac{11}{16}$	$\frac{1}{2}$	$\frac{7}{16}$	$\frac{1}{4}$
Size of Openings,	"	$1\frac{3}{16}$ & $1\frac{9}{16}$	$\frac{15}{16}$ & $1\frac{3}{16}$	$\frac{3}{4}$ & $\frac{7}{8}$	$\frac{5}{8}$ & $\frac{3}{8}$	$\frac{1}{4}$ & $\frac{3}{8}$	$1\frac{1}{4}$ & $1\frac{9}{16}$	$\frac{15}{32}$ & $1\frac{1}{16}$	$\frac{7}{16}$ & $\frac{1}{2}$	$\frac{15}{32}$ & $\frac{11}{16}$	$\frac{5}{8}$ & $\frac{1}{2}$
	Per Dozen,	$7 20	6 40	4 20	3 00	1 80	$18 00	12 00	9 00	7 20	4 20

Fig. 1384.



		Unfinished.						Finished and Case-Hardened.					
	Nos.	76	77	78	79	80	81	76	77	78	79	80	81
Length,	Inches,	4½	5¾	7	8	9¾	10¼	4½	5¾	7	8	9¾	10¼
Thickness of Heads	"	$\frac{1}{4}$	$\frac{9}{32}$	$\frac{7}{16}$	$\frac{11}{32}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{4}$	$\frac{9}{32}$	$\frac{7}{16}$	$\frac{11}{32}$	$\frac{3}{8}$	$\frac{7}{16}$
Size of Openings,	"	$\frac{5}{8}$ & $\frac{7}{16}$	$\frac{9}{16}$ & $\frac{3}{8}$	$\frac{11}{16}$ & $\frac{13}{16}$	$\frac{3}{4}$ & $\frac{15}{16}$	$\frac{7}{8}$ & $1\frac{1}{16}$	$1\frac{1}{16}$ & $1\frac{3}{16}$	$\frac{5}{8}$ & $\frac{1}{2}$	$\frac{9}{16}$ & $\frac{11}{16}$	$\frac{11}{16}$ & $\frac{3}{8}$	$\frac{13}{32}$ & $\frac{15}{32}$	$\frac{15}{32}$ & $1\frac{1}{16}$	$1\frac{1}{16}$ & $1\frac{3}{16}$
	Per Doz.	$1 80	2 40	3 00	3 60	4 20	5 40	$3 60	4 80	6 00	7 20	8 40	10 80

These Wrenches, (Nos. 76 to 81) are made to meet the needs of those requiring lighter Wrenches than the Nos. 31 to 35.

SHOT.

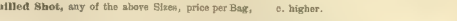
Improved Patent Finish DROP.

Fig No. D7321

Cuts Full Size.

Nos.,	15 Double Dust,	13 Dust,	12	11	10	9	8½	8	7½	7	6½	6
Diameter, inches,	5/100	4/100	3/100	3/100	7/100	3/100	31/100	3/100	91/100	30/100	10½/100	11/100
Number of Pellets to an ounce,	4358	3046	2200	1550	900	560	430	380	335	285	250	213
PER BAG, (25 LBS.) $												

Fig No. D7322.



Cuts Full Size.

Nos.,	5	4	3	2	1	B	"Air Rifle."	BB	BBB	0	00	000
Corresponding N. Y. Nos.,	.....	.....	.....	.....	.....	.....	.....	.....	.....	T	TT	TTT
Diameter, inches,	13/100	13/100	14/100	15/100	16/100	17/100	.....	18/100	18/100	20/100	21/100	22/100
Number of Pellets to an ounce,	181	163	116	98	79	63	58	53	46	40	32	29
PER BAG, (25 LBS.) $												

Chilled Shot, any of the above Sizes, price per Bag, c. higher.

New Process Patent Finish BUCK.

Fig No. D7323

Cuts Full Size.

Nos.,	8	7	6	5	4	3	2	1	44	45	1/8 oz.
Corresponding N. Y. Nos.,	5	4	3	2	1	0	00	000	44	45	1/8 oz.
Diameter, inches,	25/100	26/100	29/100	28/100	32/100	34/100	36/100	38/100	44/100	45/100	37/100
Number of Pellets to a pound,	232	200	166	140	130	113	100	85	48	45	32
PER BAG, (25 LBS.) $											

Shot will not be received by the Transportation Companies unless packed in Kegs, Boxes or Pockets.

Shot is usually packed:

EACH

In Pockets holding 4 or 5 Bags; cost of Pockets, ... $

If Pockets are returned in good order, the price charged will be credited.

In Kegs holding 12 to 16 Bags; cost of Keg, ...

In Barrels " 32 to 35 " " Barrel, ...

In " " 40 to 48 " " " . . . . . .

New Idea Shot Cases.

All Sizes of Shot can be furnished in **One Pound** Pasteboard Boxes 25 lbs. in a case at an additional cost of c. per pound.

In ordering, specify **New Idea,** and state Kind and Size.

Bar Lead.

Fig No. D7324

PER POUND

Bar Lead, 25 lbs. in a Box, ... $

SIMMONS HARDWARE COMPANY

We cannot Pack nor Ship BLACK Powder with OTHER GOODS, nor can it be sent by Express.

BLACK POWDER.

MANUFACTURED BY THE

EQUITABLE POWDER MANUFACTURING COMPANY.=

Guaranteed Extra Quality.

Cuts showing Size of Grain.

PRICE EACH.

25 lb kegs.	12½ lb kegs.	6¼ lb Kegs.	1 lb Canisters.	½ lb Canisters.

Fig No D7189 — FG – Duck Size.

Fig No. D7200 — FG.

Fig No. D7201 — FFG.

Fig No. D7202 — FFFG

"Sure Shot" For Shot Guns and Rifles, $

Fig. No. D7203. — No 5

Fig. No. D7204 — No 7

"Trap", $

Fig. No. D7205. — No. ..

Fig. No. D7206. — No. 2.

Fig. No. D7207. — No 3.

"Duck Shooting", $

Fig No D7208 — No. 4

Fig. No D7209 — No 6

Fig. No. D7210 — No 8

EACH.

"Essex"=Finest Quality of Fancy Sporting Powder, put up in one lb. Canisters only, ... $

50 One-half lb., and 25 or 50 One lb. Canisters in a Case.

Blasting Powder.

Fig. No. D7211. — FFFF.

Fig. No. D7212. — FFF.

Fig. No. D7213. — FF

Fig. No D7214. — F

Fig. No. D7215. — C

Fig. No. D7216. — C C

Fig. No. D7217. — C C C

PER KEG. $

Equitable and Dupont Brands our option Sizes FFFF, FFF, FF, F, CCC, CC and C, **in 25 lb. Kegs,**

☞ We are not allowed to Pack or Ship **Black Powder** with other Goods, nor can it be sent by Express Can be Shipped Only by Freight. Most Railroads charge the same for Hauling one pound of Black Powder as for one hundred pounds freight

SIMMONS HARDWARE COMPANY

NITRO POWDER.

Hazard Smokeless Powder.

"Blue Ribbon" Brand.

		EACH.
Canisters,	(Equal in Bulk to 1 lb. of Black Powder),	$ 1.00
Quarter-Kegs,	" " 6¼ lbs. " "	5.75
Half-Kegs,	" " 12½ " " "	11.25
Kegs,	" " 25 " " "	22.00

Quick Ignition, Even Pattern, Great Penetration.

Fig No D7232

American Wood Powder.

	PER CANISTER.
1 lb. Canisters, (Equal in Bulk to 1 lb. Black Powder), **Nos. C, D and E,**	$0.75
1 lb. Canisters, (Equal in Bulk to 1 lb. Black Powder), **No. 12 Trap,**	.85
1 lb. Canisters, (Equal in Bulk to 1 lb. Black Powder), **No. 10 Trap,**	.85
1 lb. Canisters, Equal in Bulk to 1 lb. Black Powder), **Rifle Nos. 1, 2 and 3,**	1.00

	PER KEG.
6¼ lb. Kegs, (Equal in Bulk to 6¼ lbs. Black Powder), **Nos. C, D and E,**	$4.35
6½ lb. Kegs, (Equal in Bulk to 6½ lbs. Black Powder), **No. 12 Trap,**	5 00
6½ lb. Kegs, (Equal in Bulk to 6½ lbs. Black Powder), **No. 10 Trap,**	5 00
25 lb. Kegs, (Equal in Bulk to 25 lbs. Black Powder), **No. 12 Trap,**	19 50
25 lb. Kegs, (Equal in Bulk to 25 lbs Black Powder), **No. 10 Trap,**	19 50

Packed Fifty 1 lb. Canisters; Eight 6¼ lb. Kegs; Four 25 lb. Kegs in a Case.

Sizes and Grades.

No. C—Is intended for large bore guns; makes an excellent pattern and has good penetration in 10 gauge guns.

No. D—Is especially adapted to field shooting in both 10 and 12 gauge guns.

No. E The quickest Wood Powder made Will produce excellent results in 16 and smaller gauges **Must not be used in any gauge larger than 12.**

Trap For 10 and 12 gauge guns as designated by the numbers. This grade is designated for trap purposes and for parties wishing a quick hard shooting Powder.

Rifle—Made in three sizes of grains, 1, 2 and 3. No. 1 is suitable for Rifles of 32 caliber and smaller No. 2, suitable for Rifles from 32 to 44 caliber. No. 3, for Rifles 44 caliber and larger.

Note as to Weight.

Nitro Powder is lighter than Black. By a 6¼ lb Keg is meant a keg containing an equal amount **in bulk** as 6¼ lbs. Black Powder, etc., etc.; that is, it contains as many loads.

Nitro Powder can be Shipped by Express or Freight and can be Packed with Other Goods.

Comparative Table of Nitro Powders.

	"Schultze."	"S. S."	"E. C."	"Dupont."	"Amer. Wood."
A 2½ dram Black Powder Measure will hold	35 grains.	34 grains	36 grains.	31 grains.	35 grains
A 2¾ " " " " "	38 "	36 "	40 "	34 "	39 "
A 3 " " " " "	42 "	38 "	44 "	37 "	42 "
A 3¼ " " " " "	45 "	40 "	47 "	40 "	46 "
A 3½ " " " " "	48 "	43 "	50 "	43 "	50 "
A 3¾ " " " " "	51 "	46 "	53 "	46 "	55 "

1 lb.=256 drams=7,000 grains.

NITRO POWDER.

Fig. No. D7918

Fig. No. D7919

"E. C." Smokeless Sporting Powder.

Charge for 16 Bore, 2 to 2½ Drams Measure ; 12 Bore, 2½ to 3¼ Drams (Measure ; 10 Bore, 3½ to 3¾ Drams (Measure

	EACH.
1 lb. Canisters,	$ 0.85
10 lb. Drums,	8.25
50 lb. "	41.00

Hard Grain Schultze Powder.

Charge for 16 Bore, 2 to 2 Drams Measure ; 12 Bore, 2½ to 3¼ Drams Measure ; 10 Bore, 3½ to 3¾ Drams (Measure

	EACH.
1 lb. Canisters,	$ 0.85
10 lb. Drums,	8.25
50 lb. "	41.00

Fig. No. D7920

Fig. No. D7921

"S. S." Smokeless Sporting Powder.

Charge for 16 Bore, 2 to 2½ Drams (Measure); 12 Bore, 2½ to 3¼ Drams (Measure): 10 Bore, 3½ to 3¾ Drams Measure .

	EACH.
1 lb. Canisters,	$ 0.85
10 lb. Drums,	8.25
50 lb. "	41.00

Dupont Smokeless Powder.

		EACH.
Canisters,	Equal in Bulk to 1 lb. Black Powder,	$ 1 00
Quarter-kegs,	(" " 6¼ " "),	5.75
Half-kegs,	(" " 12½ " "),	11.25
Kegs,	(" " 25 " "),	22.00

WALSRODE POWDER.

		EACH.
1 lb. Canisters,	(Containing 120 Standard Charges for 12 Gauge Guns),	$0.85
10 lb. Drums,	(" 1200 " " " 12 " "),	8 50

The Standard Load for 12 Gauge is 29 Grains.
" Maximum " 12 " 31 "
" Standard " 10 " 35 "
" Maximum " 10 " 38 "
" Standard " 16 " 25 "

These Loads must not be increased, as to do so would likely burst the Gun.

CAUTION. Walsrode Powder compares with the bulk or measure of Black Powder as follows One-third the quantity of Walsrode will produce the same pattern and penetration, and at the same time the **same bursting force** as the three times larger quantity of Black Powder by measure.

It is therefore absolutely necessary that each load be weighed on a fine scale or measured with a special Walsrode measure.

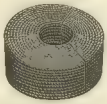
NOTE: Nitro Powder is lighter than Black Powder; packages contain the same in bulk as similar packages of Black Powder. It is sold by bulk, not by weight.

Nitro Powder can be Shipped by Express or Freight and can be Packed with Other Goods.

MINERS' SUPPLIES.

Leading Wire.

Fig. No. D7256.



Used in Connection with Blasting Machines and Electrical Exploders.

PER POUND.

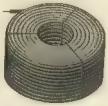
Leading Wire, in Coils of 500 feet, . . $0.60

Average Weight per Coil, 6½ lbs.

Enough Leading Wire is needed with each machine to make two Leaders of sufficient length to reach from the blast to a safe distance for the person to stand who shall operate the machine. (Say 300 feet.)

Connecting Wire.

Fig. No. D7257



PER POUND.

Connecting Wire, in 1 lb. Coils, containing about 250 feet, ... $0.60

A pure Copper Insulated Wire used for connecting the exploders where several charges are to be fired simultaneously.

Miners' Squibs.

PER 1000.

Powell's Safety Miners' Squibs, . . $1.50

100 in a Box. 10,000 in a Case.

Squib Cases.

PER DOZEN

No. 10—Tin, Size 8 x 1⅛ x ⅞ in., Hold 100 Squibs, $2.50

One Dozen in a Box.

Blasting Paper.

PER POUND

Best Waterproof Manila, . $0.10

Put up in 9 and 12 inch Rolls. Average Weight per Roll, 6 lbs.

Anton's Patent Miners' Lamp Wicks.

Made from Superior Cotton, free from knots, evenly twisted and made to exactly fit the Lamp.

PER DOZEN BOXES.

No. 2—Anton's Miners' Lamp Wicks, . $1.20

One Dozen Wicks in a Box. Six Dozen Boxes in a Case.

For Miners' Tools, see Page 42.

For Miners' Lamps, see Page 1034.

Blasting Machines.

Fig. No. D7258

Used for Exploding Dynamite by Electricity in Connection with Electrical Exploders.

A Magneto-Electric Instrument, constructed on the Wheatstone and Siemen's principle, having a magnet of horse shoe character, wound with coils of insulated copper wire. Capacity 10 to 20 holes. Weight about 22 lbs.

EACH.

No. 3—Blasting Machines, ... $35.00

Safety Fuse.

Fig. No. D7259

PER 1000 FEET.

Hemp, Barrel	contains	12,000	feet and	weighs	130 lbs.,	$ 5.60
Cotton, Case	"	10,000	" "	125	"	6.00
Single Tape, Case	"	6,000	" "	125	"	9.50
Double "	" "	6,000	" "	130	"	11.20
Triple "	" "	6,000	" "	138	"	12.80

Cap Crimpers and Fuse Cutters.

Fig. No. D7260

PER DOZEN.

No. 1—Safety Cap Crimpers and Fuse Cutters Combined, $9.00

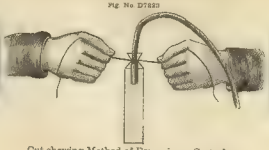
One-half Dozen in a Box.

SIMMONS HARDWARE COMPANY

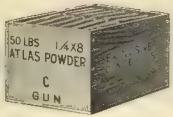
DYNAMITE.

Hercules Powder Co's.

Fig No D7823



Cut showing Method of Preparing a Cartridge.



Atlas Powder Co's.

		PER POUND.
60%	Nitro Glycerine,	$0.32
50%	" "	.30
45%	" "	.28
40%	" "	.26
30%	" "	.24
20%	" "	.22

Packed in Cases Containing 25 and 50 lbs.

We do not Break Cases.

The Standard Size of Cartridge is 1¼ x 8 in. We can furnish any Size or Length desired.

Gelatin Powder.

Gelatin, a **Fumeless** Dynamite, for use in Tunneling, specially adapted for use under water. Made in the same Grades of Strength as Ordinary Dynamite. Prices on application.

Judson Powder.

A Granulated Powder, Black in Color, used in place of Ordinary Blasting Powder, where more Explosive Force is Required

	PER POUND.
Judson Powder, "R. R. P".,	$0.18

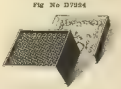
Put up 12½ lbs. in a Bag. Four Bags in a Case.

We do not Break Cases.

Write for Prices in Car Load Lots. **Dynamite can only be shipped by Freight. Blasting Caps cannot be shipped with Dynamite.**

NOTE: On account of a State Law, we cannot sell Dynamite to parties in Missouri without first obtaining from the Purchaser an Affidavit that it will not be used for Unlawful Purposes. Blanks furnished on application. Pamphlets containing Full Instructions for the Use of High Explosives furnished on application.

Fig No D7824



Blasting Caps for Dynamite.

Superior Quality.

						PER 1000.
Triple	Force, 540	Grammes	Fulminate to the M,			$ 9.00
Quadruple	" 650	"	"	"	"	11.00
Quintuple	" 800	"	"	"	"	13.00

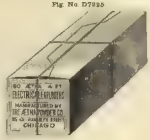
Packed 100 in a Metal Box. 25,000 in a Case.

Write for Quantity Prices.

Blasting Caps cannot be shipped with Dynamite.

Fig No D7825

To be used for Exploding Dynamite with an Electric Battery.



Only the Best Material used in the Manufacture of these Exploders.

Electrical Exploders.

Double Wound Insulation, Quintuple Strength Caps, Cotton Covered Wires. Every Exploder Warranted Perfect.

		PER 100.
4 feet Wire,		$ 3.00
6 " "		3.54
8 " "		4.08
10 " "		4.62
12 " "		5.16
14 " "		5.70
16 " "		6.24
20 " "		7.32
24 " "		9.32
30 " "		12.32

Packed 50 in a Box.

Exploders can not be shipped with Dynamite.

GREEN RIVER SCREW PLATES.

Fig. No. D1924.

No. 1 Set—5 Sizes Taps, Dies and Guides, with 10 in. Stock and Brace Holder for Dies.

						EACH.
Sizes, Inches,	3/32	1/4	5/32	3/16	7/32	$3.75
Sizes, Threads,	24	20	18	16	14	

(Diameter of Dies, 1 3/16 in.) Complete in Case.

Extra Stocks only, for No. 1 Set, . . 1.50
Extra Dies only, for No. 1 Set, . . . 1.00
Extra Guides only, for No. 1 Set, 20

Fig. No. D1925.

No. 1½ Set—7 Sizes Taps, Dies and Guides, with 22 in. Stock.

								EACH.
Sizes, Inches,	1/4	5/32	3/16	7/32	1/8	3/16	5/16	$13.00
Sizes, Threads,	20	18	16	14	12	11	10	

(Diameter of Dies, 2 5/32 in.) Complete in Case.

Extra Stocks only, for No. 1½ Set, 2.00

Fig. No. D1926.

No. 2 Set—7 Sizes Taps, Dies and Guides, with 23 in. Stock.

								EACH.
Sizes, Inches,	1/4	5/32	3/16	7/32	1/8	3/16	5/16	$15.25
Sizes, Threads,	20	18	16	14	12	11	10	

(Diameter of Dies, 2 3/4 in.) Complete in Case.

Extra Stocks only, for No. 2 Set, 2.00

Fig. No. D1927.

No. 3 Set—5 Sizes Taps, Dies and Guides, with 29 in. Stock.

						EACH.
Sizes, Inches,	1/8	3/16	5/16	7/16	1/2	$17.00
Sizes, Threads,	12	11	10	9	8	

(Diameter of Dies, 2 3/4 in.) Complete in Case

Extra Stocks only, for No. 3 Set, . 2 00

Fig. No. D1928.

No. 4 Set—7 Sizes Taps, Dies and Guides, with 29 in. Stock.

								EACH.
Sizes, Inches,	3/16	7/32	1/8	5/16	3/8	7/16	1/2	$20.00
Sizes, Threads,	16	14	12	11	10	9	8	

(Diameter of Dies, 2 3/4 in.) Complete in Case.

Extra Stocks only, for No. 4 Set, . . 2.00

Fig. No. D1929.

No. 5 Set—9 Sizes Taps, Dies and Guides, with 29 in. Stock.

										EACH.
Sizes, Inches,	1/4	5/32	3/16	7/32	1/8	5/16	3/8	7/16	1/2	$23.00
Sizes, Threads,	20	18	16	14	12	11	10	9	8	

(Diameter of Dies, 2 3/4 in.) Complete in Case.

Extra Stocks only, for No. 5 Set, . 2.00

Fig. No. D1930.

No. 6 Set—7 Sizes Taps, Dies and Guides, with 35 in. Stock.

								EACH.
Sizes, Inches,	1/8	5/16	3/8	7/16	1	1 1/8	1 1/4	$26.00
Sizes, Threads,	12	11	10	9	8	8	7	

(Diameter of Dies, 2 3/4 in.) Complete in Case.

Extra Stocks only, for No. 6 Set, . . 4 00

Fig. No. D1931.

No. 7 Set—9 Sizes Taps, Dies and Guides, with 35 in. Stock

										EACH
Sizes, Inches,	5/16	7/32	1/2	3/8	7/16	1	1 1/8	1 1/4		$30.00
Sizes, Threads,	16	14	12	11	10	9	8	8	7	

(Diameter of Dies, 2 3/4 in.) Complete in Case.

Extra Stocks only, for No. 7 Sets, . 4.00

Adjustable Pipe Dies, 1 in. and under, can be supplied for above Sets, Nos. 2 to 7.
Extra Taps and Dies, for Prices see Page 253.
Extra Guides, 25 cts.
All Sets Furnished for Rough Iron, 1/32 in. over size, V Thread, unless otherwise ordered.

LIGHTNING SCREW PLATES.

For Machine Screws.

Fig. No. D1321

								EACH.
No. 01 Set—For Machine Screws, 5 Sizes Taps, Dies and Guides, with 6 in Stock and Tap Wrench (Fitting in Stock), Diameter of Dies, $^{7}/_{8}$ in	Sizes,	Nos.,	4	6	8	10	12	$5.50
		Threads,	36	32	32	24	24	

Complete in Case.

Extra Parts for No. 01 Plates,	Stocks,	1.00
	Dies,	.60
	Guides,	15
	Taps,	.40

Fig. No. D1322

									EACH
No. 02 Set—For Machine Screws, 7 Sizes Taps, Dies and Guides, with 6 in. Stock and Tap Wrench (Fitting in Stock), Diameter of Dies, $^{7}/_{8}$ in.	Sizes,	Nos.,	4	6	8	10	12	14	16	$7.00
		Threads,	36	32	32	24	24	20	18	

Complete in Case.

Extra Parts for No. 02 Plates,	Stocks,	1.00
	Dies,	.60
	Guides,	.15
	Taps,	.40

Fig. No. D1323

								EACH.
No. 03 Set—For Machine Screws, 5 Sizes Taps, Dies and Guides, with 10 in. Stock, Diameter of Dies, $1^{5}/_{16}$ in.	Sizes,	Nos.,	14	16	18	20	24	$8.00
		Threads,	20	18	16	16	16	

Complete in Case.

Extra Stocks for No. 03 Plates,						2 00
Extra Dies for No. 03 Plates,						1.00
Extra Guides for No. 03 Plates,						.20
Extra Taps for No. 03 Plates,	Nos.,	14	16	18	20	24
	Each,	$0.38	.38	.38	.45	.45

GREEN RIVER TAPS, DIES AND GUIDES.

Fig. No. D1337

Cut showing Die ready for Clamping in the Elastic Stock.

The Cup-Headed Screw on the right holds the halves firmly together, acting as a hinge. The size is regulated by the wedge-shaped (taper head) Screw on the left, the whole being clamped in the elastic stock.

Fig. No. D1338.

Cut showing Mechanism of Die and Guide.

Dies, without Guides, (Fitting all Green River Plates except No. 1),	Inches,	3/16	1/4	5/16	3/8	7/16	1/2	9/16	5/8	11/16	3/4	13/16	7/8	15/16	1	1 1/8	1 1/4	1 3/8	1 1/2
	Each,	$1.25	1.25	1.25	1.50	1.50	1.75	1.75	1.75	1.75	2.00	2.00	3.00	3.00	3.00	3.00	3.75	4.50	5.75	7 00
Taps, . . .	Inches,	3/16	1/4	5/16	3/8	7/16	1/2	9/16	5/8	11/16	3/4	13/16	7/8	15/16	1	1 1/8	1 1/4	1 3/8	1 1/2
	Each,	$0.45	.45	.50	.55	.60	.70	.80	.90	1.05	1.20	1.40	1.60	1.80	2.00	2.25	2.60	3.00	3 50

Guides, ... Each, $0 25

Green River Dies and Taps are 1/16 in. over size, V Thread, for Rough Iron, unless otherwise ordered

GREEN RIVER TAP AND REAMER WRENCHES.

Fig. No. D1339

	EACH
No. 1G—Length **7 in.,** Adjustable **for Taps** ¼ **in. and smaller,** . . .	$1.75
No. 2G—Length **11 in.,** Adjustable **for Taps** 3/16 **in.** to ½ **in.** inclusive, ...	2 35
No. 3G—Length **16 in.,** Adjustable **for Taps** ⅜ **in.** to ¾ **in.** inclusive, ...	3.00
No. 4G—Length **19 in.,** Adjustable **for Taps** ⅝ **in.** to **1 in.** inclusive, ...	4.00
No. 5G—Length **30 in.,** Adjustable **for Taps** ¾ **in.** to 1½ **in.** inclusive, ...	8.00

The handles are hollow, and both are fixed, the motion being given through a full-sized knurled nut; tool steel jaws, drop forged.

LIGHTNING TAP AND REAMER WRENCHES.

Fig. No. D1340

	EACH
No. A—Length **10½ in.,** Adjustable **for Taps** 3/16 **in.** to ½ **in.,**	$3 00
No. B—Length **15 in.,** Adjustable **for Taps** ¼ **in.** to ⅝ **in.,**	3.50
No. C—Length **20 in.,** Adjustable **for Taps** ⅜ **in.** to **1 in.,**	5.00

GREEN RIVER SCREW PLATES.

Fig. No. D1332.

No. 8 Set—11 Sizes Taps, Dies and Guides, with 35 in. Stock.

													EACH
Sizes,	Inches,	1/4	5/16	3/8	7/16	1/2	9/16	5/8	3/4	7/8	1	1 1/8	1 1/4
	Threads,	20	18	16	14	12	11	10	9	8	8	7	Complete in Case, $34.00

(Diameter of Dies, 2 3/4 in.)

Extra Stocks only, for No. 8 Set, ... 4.00

Fig. No. D1333.

No. 9 Set—6 Sizes Taps, Dies and Guides, with 53 in. Stock.

							EACH.
Sizes,	Inches,	7/8	1	1 1/8	1 1/4	1 3/8	1 1/2
	Threads,	9	8	8	7	6	6 Complete in Case, $45 00

(Diameter of Dies, 3 7/16 in.)

Extra Stocks only, for No. 9 Set, ... 6.00

Fig. No. D1334.

No. 13 Set—9 Sizes Taps, Dies and Guides, 1 Stock each, 22 and 29 in. Long.

										EACH.
Sizes,	Inches,	1/4	5/16	3/8	7/16	1/2	5/8	3/4	7/8	1
	Threads	20	18	16	14	12	11	10	9	8 $25.00

Complete in Case.

(Diameter of Dies, 7/16 in. and under, 2 9/16 in.; 1/2 in. and over, 2 3/4 in.)

	EACH.
Extra Stocks only, 22 in., . . .	$2.00
Extra Stocks only, 29 in., . . .	2.00

Fig. No. D1335.

No. 16 Set—11 Sizes Taps, Dies and Guides, 1 Stock each, 22 and 35 in. Long.

												EACH.
Sizes,	Inches,	1/4	5/16	3/8	7/16	1/2	9/16	5/8	3/4	7/8	1	1 1/8	1 1/4
	Threads,	20	18	16	14	12	11	10	9	8	8	7	$36 00

Complete in Case.

(Diameter of Dies, 7/16 in. and under, 2 9/16 in.; 1/2 in. and over, 2 3/4 in.)

	EACH
Extra Stocks, 22 in., . . .	$2.00
Extra Stocks, 35 in., . . .	4.00

Fig. No. D1336.

No. 25 Set—13 Sizes Taps, Dies and Guides, 1 Stock each, 22 and 53 in. Long.

														EACH.
Sizes,	Inches,	1/4	5/16	3/8	7/16	1/2	5/8	3/4	7/8	1	1 1/8	1 1/4	1 3/8	1 1/2
	Threads,	20	18	16	14	12	11	10	9	8	8	7	6	6 Complete in Case, $58.00

(Diameter of Dies, 3/4 in. and under, 2 9/16 in.; 7/8 in. and over, 3 7/16 in.)

Extra Stocks only, 22 in., . . .	2.00
Extra Stocks only, 53 in., . . .	6.00

For Prices of Extra Taps, Dies and Guides, see Page 253

SIMMONS HARDWARE COMPANY

MACHINISTS' HAND TAPS.

Taper, Plug and Bottoming.

Fig No D1350

Taper.

Fig No D1351

Plug.

Fig No D1352

Bottoming.

V Shape Thread, Exact Sizes.

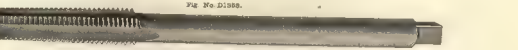
Diameter.	Length	No. Threads to Inch.	Taper Plug or Bottoming. Each.	Taper Plug or Bottoming. Per Set of 3.)
1/4 in.	2 1/16 in.	18, 18, 20,	$0.45	$1.35
5/16 in	2 7/8 in	16, 18,	.50	1.50
3/8 in	3 1/8 in.	14, 16, 18,	.55	1.65
7/16 in.	3 3/8 in	14, 16,	.60	1.80
1/2 in	4 1/8 in.	12, 13, 14,	.70	2.10
9/16 in.	4 1/2 in.	12, 14,	.80	2.40
5/8 in	4 3/4 in.	10, 11, 12,	.90	2.70
11/16 in.	5 1/8 in.	11, 12,	1.00	3.15
3/4 in.	5 5/8 in	10, 11, 12,	1.20	3.60
13/16 in	5 15/16 in.	10,	1.40	4.20
7/8 in.	6 in.	9, 10,	1.60	4.80

Diameter	Length	No. Threads to Inch.	Taper Plug or Bottoming. Each.	Taper Plug or Bottoming. Per Set of 3.)
15/16 in.	6 1/8 in.	8,	$1.80	$ 5.40
1 in.	6 1/2 in	8,	2.00	6.00
1 1/8 in.	6 3/4 in.	7, 8,	2.25	6.75
1 1/4 in.	6 7/8 in.	7,	2.60	7.80
1 3/8 in.	7 1/8 in	6,	3.00	9.00
1 1/2 in.	7 3/4 in.	6,	3.50	10.50
1 5/8 in.	8 1/8 in	5, 5 1/2,	4.20	12.60
1 3/4 in.	8 1/16 in.	5,	5.00	15.00
1 7/8 in	9 3/16 in	4 1/2, 5,	5.80	17.40
2 in	9 3/4 in.	4 1/2,	6.70	20.10

1 each, Taper, Plug and Bottoming Taps to a Set of (3.)

We also keep in stock of the above 1/32 over size, price same as next smaller size.

Fig No D1355.



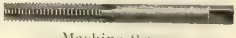
Machine Nut.

Exact Sizes.

Diameter.	No. Threads to Inch.	Each.	Diameter.	No. Threads to Inch.	Each.	Diameters.	No. Threads to Inch.	Each.
1/4 in.	18, 20,	$0.60	9/16 in.	11, 12,	$1 45	1 1/4 in.	7,	$3.70
5/16 in.	16, 18,	.70	5/8 in.	10,	1.60	1 3/8 in.	6,	4 20
3/8 in.	14, 16,	.80	5/16 in.	10,	1.80	1 1/2 in.	6,	4.70
7/16 in.	12, 14, 16,	.90	7/8 in.	9, 10,	2.10	1 5/8 in.	5,	5.30
1/2 in.	12, 13, 14,	1.00	15/16 in.	9,	2.40	1 3/4 in.	5,	6 00
9/16 in	12, 14,	1.15	1 in.	8,	2.80	2 in.	5,	7.70
5/8 in.	10, 11, 12,	1.30	1 1/8 in.	7, 8,	3.20			

We also keep in stock of the above 1/32 over size, price same as next smaller size.

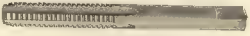
Fig No D1354



Machine Screw.

Screw or Wire Gauge Sizes.	Number Threads to Inch	Diam	Each.	Screw or Wire Gauge Sizes.	Number Threads to Inch	Diam.	Each.
No 4,	32, 36, 40,	7/64 in	$0.35	No. 14,	20, 24,	1/4 in.	$0 38
No. 6,	30, 32,	9/64 in.	.35	No. 16,	16, 18, 20,	5/16 in.	.38
No. 8,	24, 30, 32,	5/32 in.	.35	No 18,	16, 18,	3/8 in	.38
No. 10,	24, 30, 32,	3/16 in.	.35	No. 20,	16, 18,	7/16 in.	.45
No. 12,	20, 24,	1/8 in	.35	No. 24,	16, 18,	1/2 in.	.45

Fig No D1356



Stove Bolt.

Sizes. Diameter.	No. Threads to Inch.	Each.
5/16 in.	24,	$0 35
3/8 in.	18,	.38
7/16 in.	18,	.38
1/2 in.	18,	.45

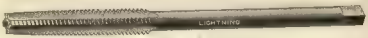
SIMMONS HARDWARE COMPANY

LIGHTNING TAPS AND DIES.

Fig. No. D1842.

Taper Tap.

Fig. No. D1843.

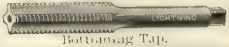


Machine Nut Tap.

Fig. No. D1844

Plug Tap.

Fig. No. D1845



Bottoming Tap.

PRICES OF LIGHTNING TAPS AND DIES FOR LIGHTNING PLATES, MACHINES, ETC.

Size, Inches	Number of Threads to Inch.	Plate and Hand Taps:—Taper, Plug or Bottoming.	Machine Nut Taps.	Plate and Machine Dies (Without Collets).	Pipe Dies, With Guides.
		EACH	EACH.	EACH.	EACH.
[illegible]		$0.45		$ 1.00	$1.75
[illegible]	24,	.45	$0.60	1.00	
[illegible]	18, 20,	.50	.70	1.00	1.75
[illegible]	16, 18,	.55	.80	1.15	
[illegible]	14, 16,	.60	.90	1.30	1.75
[illegible]	12, 14, 16,	.70	1.00	1.50	
[illegible]	12, 13, 14,	.80	1.15	1.75	
[illegible]	12, 14,	.90	1.30	1.90	
[illegible]	10, 11, 12,	1.05	1.45	2.10	1.75
[illegible]	11, 12,	1.20	1.60	2.35	
[illegible]	10,	1.40	1.80	2.60	
[illegible]	10,	1.60	2.10	3.00	
[illegible]	9, 10,	1.80	2.40	3.40	
[illegible]	9,	2.00	2.80	3.75	1.75
1	8,	2.25	3.20	4.40	
1[illegible]	7, 8,	2.60	3.70	5.00	4.50
1[illegible]	6,	3.00	4.20	5.75	
1[illegible]	6,	3.50	4.70	7.00	4.50
1[illegible]	5,	...	5.30	8.50	
1[illegible]	5,	...	6.00	10.00	
2	5,	...	7.70	12.00	

Taps and Dies 1/8 over size, V Thread, unless otherwise ordered.

LIGHTNING COLLETS.

	EACH.
Lightning Collets, for Dies, for Lightning Screw Plates Nos. AA, B, C, K and L,	$0.50
Lightning Collets, for Dies, for Lightning Screw Plates No D,	1.00

GUIDES.

	EACH.
For Lightning Screw Plates No. O,	$0.15
For Lightning Screw Plates Nos A and A1,	.20
For Lightning Pipe Plates No C,	.25
For Lightning Pipe Plates No. D,	.50
For Green River Screw Plates No 1,	.20
For Green River Screw Plates Nos. 1½, 2, 3, 4, 5, 6, 7, 8, 9, 13, 16, 25,	.25

Explanation of Lightning Dies.

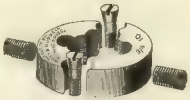
Fig. No. D1846.

The cut shows a Die and Guide taken apart to show the mechanism. The cup-headed screw on the right holds the halves together as a pivot, while the size is regulated by the wedge-shaped screw on the left, the die being clamped in the elastic stock.

Fig. No. D1847

The Machine Dies differ from those used in the Lightning Plates only in being made to cut from face instead of from under side. This cut shows a Machine Die in Holder, for use in Lathe Chucks or Bolt Cutters.

Fig. No. D1848



The taper head screws govern the size of the cut. The points of these screws hold in rim at bottom of socket. The straight screws close dies together from the sides, and hold the portions firmly in place

	EACH
Extra Screws, for Lightning Dies,	$0.05

Fig. No. D1849

A, die. B, collet. D, taper screw, regulating the cut. E, binding screws. F, guide for bolts. Another binding screw, not shown in cut, opposes screw E on other side. In adjusting the die, the binding screws F are first slackened, and the size required fixed by moving the taper-headed screws D D in or out, after which the binding screws E are set very tight the last thing

MEN'S NECKWEAR.

We lead in Fine Men's Neckwear and have on hand at all times a full line of the latest styles and choicest patterns suitable for all occasions.

THE MAUNA LOA.

Fancy silks and satins in latest style. . . . . per doz., $3 00

THE HARTLAND.

Same shape as above, in many new patterns.....per doz., $3 00

THE CUSHING.

Gros grain ground, neat effects, spots and figures assorted, ½ dozen in box.... ... . per doz., $4 25

READ THE PREFACE BEFORE ORDERING.

MEN'S NECKWEAR.

Especial care has been bestowed upon the selection of materials, designs and colors, and the assortment of shades in the various numbers cannot be improved upon.

THE ARETHUSE.

A stylish Scarf in many fine effects and designs.....per doz., $4 25

THE VENDOME.

New figured silks and satins.....per doz., $6 00

READ THE PREFACE BEFORE ORDERING.

MEN'S NECKWEAR.

This line of Teck Scarfs is of the best workmanship and made in the most fashionable style.

THE PONTIAC.
Basket weaved silks in medium and dark colors with popular George Washington sword scarf pin with each, per dozen $4 25

ELBERON.
All silk gros grains, figured, checks and spots.....per doz., $6 00

THE TENNY.
In white and light shades, for evening wear .per doz., $4 25

THE COQUETTE.
The Coquette and Scarfs under various names boxed singly in fine fancy paper boxes for fine holiday trade
Fine rich satin effects per doz. $9 00

SCARFS FOR THE HOLIDAY SEASON FOR GIFTS.

Put up one in a handsome fancy colored paper box.

We have ranging in prices from $4.50 to $9.00 per dozen.

ORDERS FOR THESE HOLIDAY SCARFS, BOXED SINGLY, CANNOT BE FILLED BEFORE NOVEMBER FIRST.

MEN'S NECKWEAR.

THE RENOUNCE.

Rich silk effects ....per doz $7 50

TECK SCARFS . . .

are the Leaders of the Season.

PUFF SCARFS . . .

are popular for Fall and Winter wear.

THE FORTESQUE.

Puff scarfs in dark colors, light shades, white and black, per dozen $4 25

READ THE PREFACE BEFORE ORDERING.

MEN'S NECKWEAR.

The popular Scarf for Fall is the new

GRADUATED

FOUR-IN-HAND,

Assorted, in gros grain, ottoman silks and satins and Persian all over effects.

Per dozen . . ....$4 00 to $4 50, $6 00, $7 50, $9 00

Special line for the Holiday trade, boxed singly.....per doz., $9 00

In ordering please be particular to state what colors are wanted--light, medium or dark effects, and whether plain colors or fancy designs.

READ THE PREFACE BEFORE ORDERING.

MEN'S NECKWEAR.

To enable dealers who cannot handle a gross of each style to secure a good assortment of different styles at gross prices, we offer the three styles below, assorted in one gross lots, at $24.00 per gross. The goods are well made and stylish and leaders to retail at 25 cents.

THE PAISLEY.

Greatest leader in the market.

100 styles to select from, including silk and satins, in black and colors, assorted figures and stripes.

These Scarfs are satin lined.

FOUR-IN-HAND SCARFS.

2½ inches wide.

In full line of figures, stripes and checks.

THE POPULAR BAND BOW.

As above, full assortment of figures and stripes.

READ THE PREFACE BEFORE ORDERING.

SIMMONS HARDWARE COMPANY

SELF-HEATING CHARCOAL IRONS.

Fig. No. D4050

Cut shows Single Flue.

Smoothing.

PER DOZEN.

No. 3 Single Flue, Length 6⅝ in., Width at Heel 4 in., ... $15.00

One-half Dozen in a Box. Weight per Dozen, 80 lbs.

Tailors'.

PER DOZEN.

No. 4 Double Flue, Length 6¾ in., Width at Heel 4⅛ in., ... $15.00

No. 8—Single Flue, Length 11½ in., Width at Heel 3¼ in., ... 33.75

One-half Dozen in a Box.

Weights per Dozen, No. 4, 100 lbs.; No. 8, 216 lbs.

Fig. No. D4051

No. A.

Fig. No. D4052

No. C.

Double Flue.

PER DOZEN.

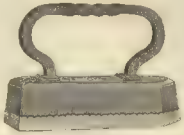
No. A—Laundry, Double Flue, Length 6¼ in., Width at Heel 3¾ in., Weight per dozen, 102 lbs., $25.00

PER DOZEN.

No. C—Tailors', Double Flue, Length 10¾ in., Width at Heel 3¾ in., Weight per dozen, 228 lbs., $40.00

TAILORS' GEESE.

Fig. No. D4053



S. H. Co. Pattern=Tailors' Geese, Gold Bronzed, Wrought Iron Twist Handle and Top, Polished Face,

Nos.,	1	2	3	4	5	6
Weight each, lbs.,	14	16	18	20	22	24
PER POUND, $						

SIMMONS HARDWARE COMPANY

FLUTING SCISSORS.

Fig. No. D1044.

Fig. No. D1045

Cuts One-third Size.

Fluting Scissors.

	PER DOZEN.
No. 3 All Iron, 3 Prongs, Length 11¾ in., .	$4.25
No. 2—Wood Handle, 3 Prongs, Length 13¾ in.,	$5.50

One Dozen in a Box.

HAND FLUTERS.

Fig. No. D1047

PINKING IRONS.

Fig. No. D1046

	PER DOZEN.
Pinking Irons, Cast Steel, ½, ⅝, ¾, ⅞, 1 in.,	$2.25
Pinking Irons, Assorted ½ to 1 in., Cast Steel,	2.25

One Dozen in a Box.

Geneva.

	PER DOZEN.
Geneva Hand Fluters, Weight per dozen, 65 lbs.,	$15.00
White Metal Bases, for Geneva Fluters, Weight per dozen, 36 lbs., . .	8.00

One-half Dozen in a Box.

FLUTING MACHINES.

Fig. No. D1048.

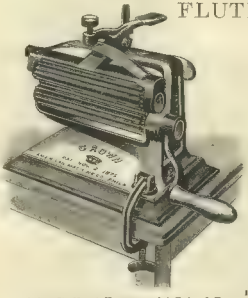
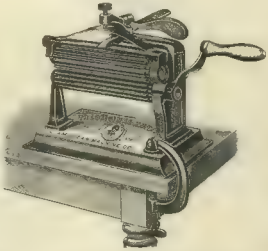


Fig. No. D1049.



	EACH.
Crown, 6 in. Rolls, 4 Heaters and 1 Pair of Tongs, 15, 18, 22 or 26 Flutes, . . .	$4.00
Knox, 6 in. Rolls, 4 Heaters and 1 Pair of Tongs, 15, 18, 22 or 26 Flutes, . . .	$4.00

One in a Box. Weight 13 lbs. | *One in a Box. Weight 14 lbs.*

SIMMONS HARDWARE COMPANY

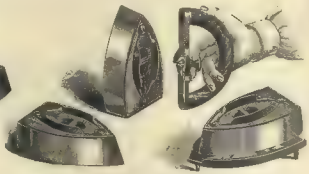
MRS. POTTS' SAD IRONS.

With Detachable Cool Handles.

Fig. No. D4068.

Cut shows Nos. E50, E55, P50 and P55.

Fig. No. D4069.



Cut shows Nos. E60 and E65.

(In Sets of 1 each Nos. 1, 2 and 3 Irons, Handle and Stand.)

Both Ends Pointed.

	PER SET.
No. E50 Enterprise, (Genuine) **Nickel Plated,** with **Tinned Castings,**	$1.20
No. E55—Enterprise, (Genuine) **Polished,** with **Tinned Castings,**	1.12

One End Pointed, the other End Square.

	PER SET.
No. E60—Enterprise, (Genuine) **Nickel Plated,** with **Tinned Castings,**	1.40
No. E65—Enterprise, (Genuine) **Polished,** with **Tinned Castings,**	1.25

Both Ends Pointed.

	PER SET.
No. P50 Mrs. Potts' Pattern, Nickel Plated, with **Japanned Castings,**	$1.20
No. P55—Mrs. Potts' Pattern, Polished, with **Japanned Castings,**	1.12

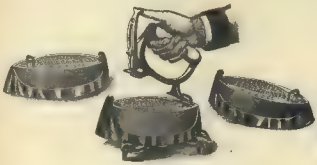
		PER DOZEN.
No. WT—Extra **Handles, Walnut,** with **Tinned Castings,**	For all of above Numbers,	$2 45
No. HT—Extra **Handles, Hazelwood,** with **Tinned Castings,**		2.35
No. HJ—Extra **Handles, Hazelwood,** with **Japanned Castings,**		2 20
Extra **Stands,** Japanned,		.75

No. 1 Iron weighs 4 lbs.; No. 2 weighs 5½ lbs., and No. 3 weighs about 5¾ lbs.
Six Sets in a Case. Weight per Set, 15 lbs.

SENSIBLE SAD IRONS.

With Detachable Cool Handles.

Fig. No. D4060.



Nos. 2 and 20.

Fig. No. D4061

Nos. 3 and 30.

(In Sets of 1 each 5, 6 and 7 lbs. Irons, Handle and Stand.)

	PER SET.		PER SET.
No. 2—Polished, Double Pointed,	$1.00	**No. 3—Polished,** one Square End,	$1.00
No. 20—Nickel Plated, Double Pointed,	1.15	**No. 30—Nickel Plated,** one Square End,	1.15

	PER DOZEN
Extra **Handles** for Sensible Irons,	$3.00
Extra **Stands** for Sensible Irons,	.75

SIMMONS HARDWARE COMPANY

SAD IRONS.

Fig. No. D4054.

Regular.

	PER POUND.		PER POUND.
St. Louis Quality, **Polished** Face, . .	$	**Geneva,** Extra Finish, **Polished** Face, .	$
		Geneva, Full **Nickel Plated,** . .	$

St. Louis Quality and Geneva Extra Finish Irons, 5, 6, 7, 8 and 9 lbs., Packed in 200 lb. Cases.
Assorted 5 to 8 lbs., Packed in 200 lb. Cases; Assorted 5 to 7 and 6 to 8 lbs., Packed in 100 lb. Cases.
Geneva Nickel Plated Irons, 6, 7 and 8 lbs., Packed in 200 lb. Cases.

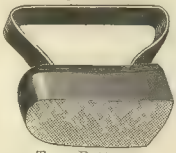
Actual Cost of Cases Invariably Charged.

Toy.

	PER DOZEN.		PER DOZEN
No. 10—Toy, Polished, Weight each, 2½ lbs ,	$4 00	**No. 120 Toy, Full Nickel Plated, with Stand,** Weight each, 2 lbs., ...	$6.00
Packed Loose		*One-half Dozen in a Box. Six Dozen in a Case.*	

POLISHING IRONS.

Fig. No D4056.



Troy Pattern.

Fig. No D4055.

Geneva.

	PER DOZEN.		PER DOZEN.
Geneva, Nickel Plated, Weight per dozen, 45 lbs.,	$6 75	**Troy Pattern, Perforated Face,** Weight per dozen, 48 lbs., ...	$6.00

LAUNDRY IRONS.

Fig. No D4057.

	PER DOZEN
No. 1—St. Louis, Extra Finish, **Polished** Face, Weight per dozen, 63 lbs , ...	$6 00

SMOOTHING IRONS.

Fig. No. D4085.

Star Sad.

PER DOZEN

No. 70—Nickel Plated, Perforated Tinned Iron Handle, Assorted Nos. 1, 2 and 3, ... $6.25

Extra Japanned **Stands** for above, ...75

No. 1 Iron weighs 5 pounds, has one end rounded for polishing, and is suitable for light work. No. 2 Iron weighs 5¾ pounds, suitable for general use. No. 3 Iron weighs about 6½ pounds, adapted for heavy work.

One or Two Dozen in a Case.

Enterprise Girls' Toy, Perforated Tinned Iron Handle, with Stand.

PER DOZEN.

No. 105 Polished, 5 in. Long, Weight per dozen, 24 lbs., ... $4.25

No. 115—Polished, 4 in. Long, Weight per dozen, 10 lbs., ... 2.50

No. 125—Polished, 2¾ in. Long, Weight per dozen, 6 lbs., ... 1.10

Six or Twelve Dozen in a Case.

Fig. No. D4086.

Ohio (Mrs. Potts' Pattern) Irons.

PER DOZEN.

No. 090—Ohio Girls' Irons, Nickel Plated, Tinned Tops, Detachable Walnut Handle, with Stand, Weight per dozen, 20 lbs., ... $5.75

No. 092 Ohio Toy Irons, Nickel Plated, Gold Bronzed Tops, Detachable Walnut Handle, with Stand, Weight per dozen, 12 lbs., ... 3.75

Have one End Rounded for Polishing.

One Dozen in a Case.

SAD IRON STANDS.

Fig. No. D4087.

PER DOZEN.

No. 2—Sad Iron Stands, Japanned, . . . $1.25

One Dozen in a Package.

TREVIOTS.

Fig. No. D4088.

Fig. No. D4089

For Attaching to Grates.

PER DOZEN.	PER DOZEN.
No. 1—Treviots, **Wrought** Iron, $12.00	**No. 4**—Treviots, **Cast** Iron, $2.25

MRS. POTTS' SAD IRONS.

With Detachable Cool Handles.

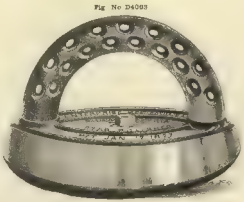
Fig. No. D4062

PER SET.

No. 550 Enterprise, Mrs. Potts' (Genuine) **Family Outfits, Nickel Plated,** comprising **One Set** of (3) No. E50 Irons, Complete with Handle and Stand, **One Only** each No. 82 Polishing Iron, 3 lbs., and No. 90 Girl's Iron, 2 lbs., 3 Handles and 2 Stands, ... $3.75

Weight per Case or Set, 26½ lbs. Size, 18¾ in. Long, 8⅛ in. Wide

Fig. No D4063

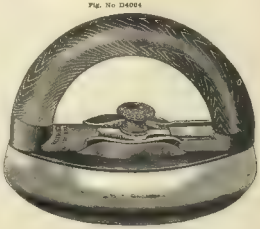


Star, Polishing.

PER DOZEN.

No. 72—Nickel Plated, Perforated Tinned Iron Handle, all Round Edges, Weight per dozen, 36 lbs., ... $5.50

Fig. No D4064



Mrs. Potts', Chinese, Polishing.

PER DOZEN.

No. 82—Nickel Plated, Detachable Wood Handle, all Round Edges, Weight per dozen, 36 lbs., $6.75

Packed One, Two or Three Dozen in a Case.

QUADRUPLE SILVER PLATED WARE.

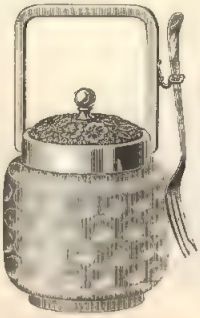
No. 16. Sugar.
Ruby Decorated Glass. Complete, with Spoon..$6.50

No. 2046 Pickle.
Crystal Glass.....$2 50

No 260 Pickle.
Crystal Glass.....$6 30

No. 15. Sugar or Marmalade.
Decorated China.....$3 50

No. 129. Pickle. Ruby Glass..$5 00



No 126. Pickle. Ruby Glass...$3.50

No. 254. Pickle. Crystal Glass..$5 40

Charcoal Sad-Irons.

SELF-HEATING.

SMOOTHING. Single Flue. TAILORS'.

Fig. 5700. Fig. 5701.

Nos. 1 to 4.

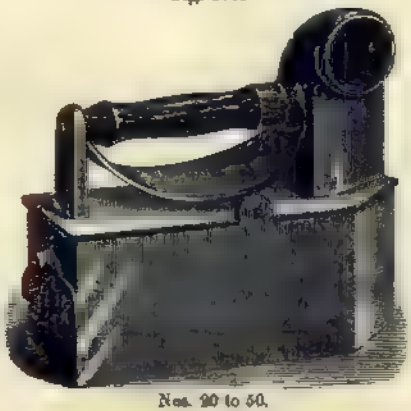
Nos. 01 to 03.

No.	1,	Charcoal Smoothing Irons, Wood Handle, with Shield, Weight, each,								4½	pounds,	-	per dozen,	$10 00
	2,	"	"	"	"	"	"	"	"	6	"	-	"	10 00
	3,	"	"	"	"	"	"	"	"	6½	"	-	"	10 00
	4,	"	"	"	"	"	"	"	"	7	"	-	"	10 00
	01,	"	Tailors'	"	"	"	"	"	"	14	"	-	"	22 50
	02,	"	"	"	"	"	"	"	"	16	"	-	"	22 50
	03,	"	"	"	"	"	"	"	"	18	"	-	"	23 50

Smoothing Irons, One Dozen in a Box; Tailors' Irons, One-half Dozen in a Box.

Patent Double Flue.

Fig. 5703.



Nos. 20 to 50.

No.	20,	Charcoal Tailors' Irons, Wood Handle, Weight, each,								16	pounds,	-	per dozen,	$24 50
	30,	"	"	"	"	"	"	"		18	"	-	"	24 50
	40,	"	"	"	"	"	"	"		20	"	-	"	24 50
	50,	"	"	"	"	"	"	"		22	"	-	"	24 50

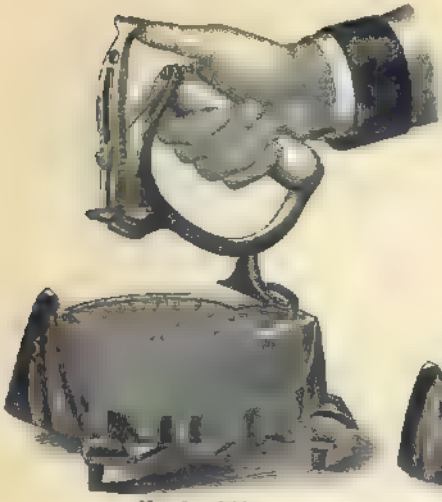
One-half Dozen in a Box.

Sad-Irons.

SENSIBLE, WITH DETACHABLE HANDLES.

Double Pointed.

Fig. 5703.



Nos. 2 and 02

Square Back.

Fig. 5704.

Nos. 3 and 03.

In Sets of One each, 5, 6 and 7 pound Irons, with Detachable Handle and Stand.

No. 2, Plain, Polished, - per set, $1 25 | No. 3 Plain Polished, - - per set, $1 25
02, Nickel-plated, - - " 1 55 | 03, Nickel-plated, - - " 1 55

Irons Only, Without Handles or Stands.

	Nos.	2	2	2	02	02	02	3	3	3	03	03	03
Weight,	Pounds.	5	6	7	5	6	7	5	6	7	5	6	7
Per Dozen,	-	$3 75	4 00	4 80	5 25	5 50	5 80	3 75	4 00	4 80	5 25	5 50	6 30

TOILET.

Fig. 5705.

No. 4

Toilet.

One 3-pound Iron, with Detachable Handle.

No. 4, Nickel-plated, - per dozen, $4 80

Smoothing and Polishing.

In Sets of Two 3½-pound Irons, with Detachable Handle.

No. 5, Nickel-plated, - per dozen sets, $14 00

Toy.

One 1-pound Iron, with Detachable Handle.

No. 6, - - - per dozen, $3 15

Extra Handles Only.

For Nos. 2, 02, 3, 03 and 5, per dozen, $2 50
No. 4, - - " 1 80

SMOOTHING AND POLISHING.

Fig. 5706.

No. 5.

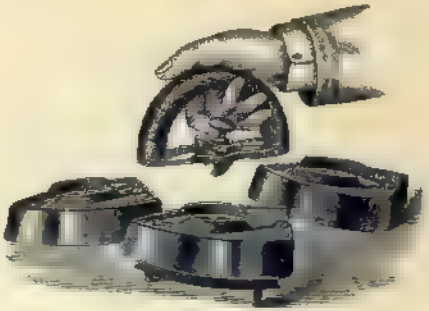
Sad-Irons.

MRS POTTS' PATENT, WITH DETACHABLE WALNUT HANDLE.

Double Pointed.
Fig. 5707.

Nos. 50 and 55.

Square Back.
Fig. 5708.



Nos. 60 and 65.

In Sets of One each Nos. 1, 2 and 3, with Handle and Stand.

No. 50, Nickel-plated, - per set, $1 20
55, Plain Polished, - " 1 12
No. 60, Nickel-plated, - - per set, $1 40
65, Plain Polished, - - " 1 26

Six Sets in a Case.

Irons only, without Handles or Stands.

No. 50, Nickel-plated, Nos. 1, 2 or 3, per dozen, $4 45
55, Plain Polished, Nos. 1, 2 or 3, " 4 00
No. 60, Nickel-plated, Nos. 1, 2 or 3, per dozen, $5 25
65, Plain Polished, Nos. 1, 2 or 3, " 4 75

Two Dozen in a Case, Single Sizes or Assorted.

Size No. 1 weighs 4 pounds, Size No. 2 weighs 5 pounds, Size No. 3 weighs 6 pounds.

FAMILY OUTFITS

Fig. 5709

Nos. 550 and 555.

Each Set in Handsome Hardwood Case.

No. 550, Nickel-plated, Contains One Set No. 50 Sad Irons, One No. 82 Polishing Iron and One No. 90 Girls' Iron, with Handles and Stands, - - - - per set, $3 75
555, Plain Polished, Containing One Set No. 55 Sad-Irons, One No. 87 Polishing Iron and One No. 95 Girls' Iron, with Handles and Stands, - - - - " 3 50

Six Sets in a Case.

Sad-Irons.

GIRLS' TOY.

Star.

Fig. 5714.

Nos. 100 to 125.

No. 100,	N.-Plated,	Weight, each,	2 lbs.,	per doz.	$4	25
105,	Plain Pol'd,	" "	2 "	"	4	25
110,	N.-Plated,	" "	14 oz.,	"	3	00
115,	Plain Pol'd,	" "	14 "	"	2	50
120,	N.-Plated,	" "	5 "	"	1	40
125,	Plain Pol'd,	" "	5 "	"	1	10

One Dozen in a Box

Mrs. Potts' Patent.

Fig. 5715.

Nos. 90 and 95.

No. 90,	Nickel-plated,	Weight, each,	2 pounds, with Handle and Stand,	per doz.	$5 75
95,	Plain Polished,	Weight, each,	2 pounds, with Handle and Stand,	"	5 25

Handles and Stands for Mrs. Potts' Irons.

Fig. 5716

Handles for Mrs. Potts' Irons, using Detachable Handles,	per dozen	$2 45
Extra Stands for Mrs. Potts' Irons,	"	75

Sad-Iron Stands.

Fig. 5717

No. 1

Fig. 5718.

No. 50.

No. 1,	Plain Finish, Size 7x3¾ inches,	per dozen,	$0 50
50,	" " " 9x4 "	"	60

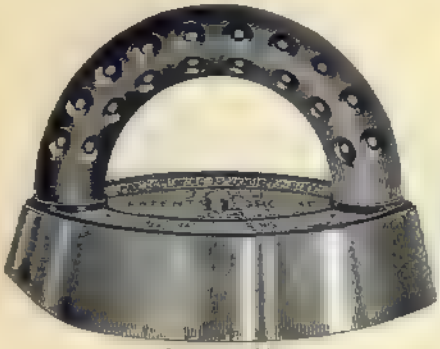
One Dozen in a Package

Sad-Irons.

STAR, WITH PERFORATED IRON HANDLES.

Double Pointed.

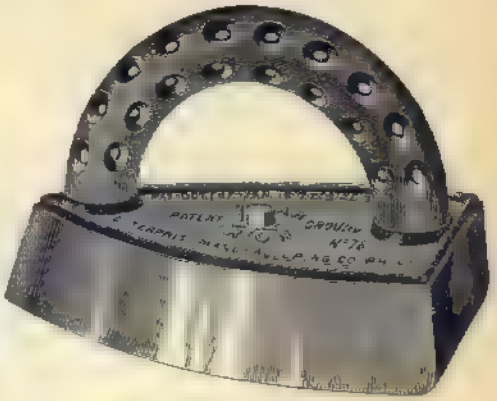
Fig. 5710.



Nos. 70 and 75.

Square Back.

Fig. 5711.



Nos. 71 and 76.

Assorted Nos. 1, 2 and 3.

No. 70, Nickel-plated,	- - per dozen,	$5 25	No. 71, Nickel-plated,	- - per dozen	$5 50
75, Plain Polished,	"	4 75	76, Plain Polished,	. "	6 00

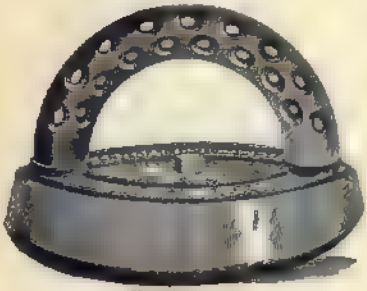
Two Dozen in a Case

Size No. 1 weighs 4 pounds; Size No 2 weighs 5 pounds; Size No. 3 weighs 6 pounds.

Polishing-Irons.

STAR.

Fig. 5712.



Nos. 72 and 77.

MRS. POTT'S PATENT.

Fig. 5713.

Nos. 80 to 87.

No. 72, N. Plated, Weight, each, 3 lbs.,	per doz.	$5 50	No. 80, N. Plated, Weight, each, 4½ lbs.,	per doz.	$9 25
77, Plain Pol'd, " " 3 "	"	5 00	85, Plain Pol'd, " " 4½ "	"	8 25
			82, N. Plated, " " 3 "	"	6 75
			87, Plain Pol'd, " " 3 "	"	6 25

Two Dozen in a Case

Sad-Irons.

Fig. 5692

Extra Polished.

Fig. 5693

Silver Polished.

Extra Polished Sad-Irons, 5, 6, 7, 8, 9 pounds, Single Size in Cask,	per pound,	$0	05
Silver " " 5, 6, 7, 8, 9 " " " Box,	"		05
" " " Nickel-plated, 5, 6, 7, 8, 9 pounds, Single Size in a Box,	"		10

Number of Sad-Irons in Assorted Cases.

	Weight, each, Pounds,	5	6	7	8	9
Assorted 5 to 9 pounds, 100-pound Case contains		2	4	1	4	2
" 5 to 9 " 200 " " "		3	8	2	8	3
" 6 to 8 " 100 " " "		..	5	6	6	.
" 6 to 8 " 200 " " "		..	10	12	12	.

Cases will be charged at actual cost.

Polishing-Irons.

TROY.

Smooth and Perforated Face

Fig. 5694.

Smooth.

Fig. 5695.

Perforated.

CHINESE LAUNDRY

Fig. 5696.

Troy Polishing-Irons, Smooth Face, Weight, each, 4½ pounds,	per dozen,	$6 00
" " " Perforated " " " 4½ "	"	6 00

	Nos.	1	2	3		
Chinese Laundry Irons, Smooth Face,	Weight, each, Pounds,	4½	5	5½	per pound,	$0 15

Tailors' Geese.

Fig. 5697

Tailors' Geese, Extra Polished Face, Weight, each, Pounds, 12, 14, 16, 18, 20, 22, 24,	per pound,	$0 10

Planes.

PANEL PLOWS.

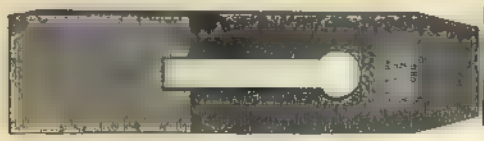
Fig. 376

No.	0,	Beechwood, Eight Irons, Screw Stop, without Handle,		each,	$4 50
"	"	"	"	Boxwood Fence, without Handle,	"	4 85
0½	"	"	"	with Handle,	"	[illegible]
7,	"	"	"	Boxwood Fence, with Handle,	"	[illegible]
08,	"	"	Boxwood Arms, without Handle,	"	5 25
09,	"	"	"	"	and Fence, without Handle,	"	5 60
00,	"	"	"	"	with Handle,	"	4 15
[illegible]	"	"	"	"	and Fence, with Handle,	"	7 00
0[illegible]	Boxwood or Rosewood, Eight Irons, without Handle,	"	[illegible]
06,	A[illegible]	"	Boxwood Arms, without Handle,	"	6 [illegible]
07,	"	"	"	and Fence, without Handle,	"	[illegible]
[illegible]A,	"	Screw Stop, Boxwood Fence, with Handle,	"	6 75
07B,	"	Boxwood Arms, with Handle,	"	8 00
1076	"	"	"	and Fence, with Handle,	"	8 25

One Panel Plow in a Box.

Plane Irons.

Fig. 377



Single, Cut.

Fig. 378

Double.

Fig. 379

Tooth.

Ohio Tool Co.'s

Inches,	½	1¼	1½	[illegible]	[illegible]	2¼	2½	2½	2¾	[illegible]	3¼
Single, Cut, Per Doz.,	$1 75	1 75	1 75	1 88	2 00	2 13	2 38	2 63	2 88	3 13	3 50
Double, "					$4 13	4 25	4 50	4 75	5 25	5 50	6 50
Tooth,				$2 75	3 00	3 50	3 75				

Buck Bros'.

Inches,	1½	1¾	2	2¼	2½	2¾	3½	3½	3¾
Single, Cut, Per Dozen,	$3 15	3 30	3 75	3 90	4 50	5 00	5 25	5 90	8 70
Double "			$6 30	7 20	7 90	8 75	9 30	10 15	11 15

Stanley Ru[illegible] Level C[illegible]

For Bailey's and Stanley's Planes.

Inches,	1½	1¾	2	2½	2¾	2¾
Single, Per Dozen,	$3 00	3 36	3 60	3 96	4 44	4 80
Double, "	5 40	[illegible]	[illegible]	7 20	[illegible] 80	8 40

All Plane Irons, One-half Dozen in a Box

Iron Block Planes.

BAILEY'S PATENT ADJUSTABLE.

Fig. 380

Nos. 9¾ and 15.

Fig. 381

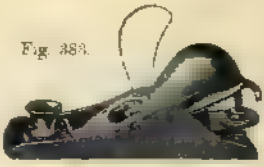
Nos. 9¾ and 15¼

No. 9¾,	6 inches in length,	¼ inch Cutter,	without Handle,			each,	$1	50
9¾,	6 " "	1¾ " "	with "			"	1	75
15,	7 " "	1¾ " "	without "			"	1	60
15¼,	7 " "	1¾ " "	with "			"	1	85
Extra Cutters for above Planes, Cast Steel,						per dozen,	2	40

Fig. 382

Nos. 16 and 17.

Fig. 383.



Nos. 18 and 19

No. 16,	6 inches in length,	1¾ inch Cutter,	Stanley's Latern Adjustment, N. P. Trimmings,			each,	$1	65
17,	7 " "	1¾ " "	" " "			"	1	75
18,	6 " "	1¾ " "	" " "	Knuckle Joint,		"	1	75
19,	7 " "	1¾ " "	" " "	" "		"	1	85
Extra Cutters for above Planes, Cast Steel,						per dozen,	2	40

STANLEY'S ADJUSTABLE.

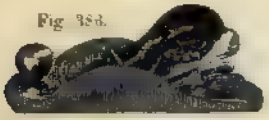
Fig. 384

No. 101, Block, 3½ inches, 1 inch Cutter, each, $0 20
Cutters for above Block Plane, Cast Steel, per doz. 75

Fig. 385.

No. 109, Block, 5½ inches, ¼ inch Cutter, each, $0 40
109, " Adj., 5½ " 1¾ " " " 60
Cutters for above Block Planes, Cast Steel, per doz. 1 60

Fig. 386.



No. 110, Block, 7½ inches, 1¾ inch Cutter, each, $0 [illegible]
130, " Adj., 7½ " 1¾ " " 85
Cutters for above Block Planes, Cast Steel, per doz. 2 00

Fig. 387.

No. 130, Block, (Double Ender), 8 inches, 1¾ inch Cutter, each, $0 80
Cutters for above Block Plane, Cast Steel, per doz. 2 00

BULL-NOSE RABBET

Fig. 388.

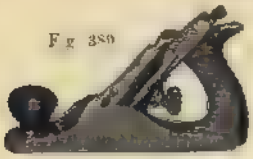
No. 75, Bull-Nose Rabbet Plane, Length, 4 inches, 1 inch Cutter, each, $0 50

No. 101, Six in a Box; all other Planes on this Page, One in a Box.

Iron Bench Planes.

BAILEY'S PATENT ADJUSTABLE.

Fig. 389



Nos. 1 to 4½.

No. 1,	Smooth Plane,	9 in.,	1¾ in.	Cutter,	each,	$2 25
2,	" "	7 "	1⅝	"	"	2 75
3,	" "	8 "	1⅞	"	"	3 00
4,	" "	9 "	2	"	"	3 25
4½,	" "	10 "	2⅜	"	"	3 75

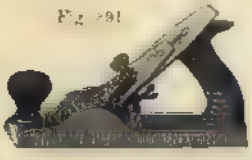
Fig. 390.

Nos. 5 to 8.

No. 5,	Jack Plane,	14 in.,	2 inch	Cutter	each,	$3 75
6,	Fore "	18 "	2¼	"	"	"	4 75
7,	Jointer "	22 "	2½	"	"	"	5 50
8,	" "	24 "	2½	"	"	"	6 50

STANLEY'S PATENT

Fig. 391



No. 104, Smooth, 9 inches, 2¼-inch Cutter, each, $2 75

Fig. 392

No. 105, Jack, 14 inches, 2½ inch Cutter, each, $3 50

Wood Bench Planes.

BAILEY'S PATENT ADJUSTABLE.

Fig. 393

Nos. 21 to 25.

Fig. 394

Nos. 35 to 37.

No. 21,	Smooth Plane,	7 in.,	1¾ in.	Cutter,	each,	$2 00
22,	" "	8 "	1¾	"	"	2 00
23,	" "	9 "	1¾	"	"	2 00
24,	" "	8 "	2	"	"	2 00
25,	Block "	6½ "	1¾	"	"	2 00
35,	Handle Smooth,	8 "	2	"	"	2 50
36,	"	10 "	2¼	"	"	3 75
37,	Jenny "	13 "	2½	"	"	3 00

Fig. 395

Nos. 26 to 34.

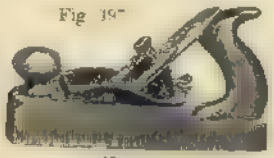
No. 26	Jack Plane,	15 in.,	2 in	Cutter,	each,	$2 25
27,	" "	15 "	2¼	"	"	2 50
28,	Fore "	18 "	2½	"	"	2 75
29,	" "	20 "	2½	"	"	2 75
30,	Jointer Plane,	22 "	2½	"	"	3 00
31,	" "	24 "	2½	"	"	3 00
32,	" "	26 "	2½	"	"	3 25
33,	" "	28 "	2½	"	"	3 25
34,	" "	30 "	2½	"	"	3 50

STANLEY'S ADJUSTABLE.

Fig. 396

No. 122

Fig. 197



No. 135.

Fig. 398

No. 127.

No. 122,	Smooth,	8 inches,	1¾ inch	Cutter,	each,	$1 50
135,	Handle Smooth,	10 in.,	2¼ in.	"	"	2 00
127,	Jack,	15 inches,	2¼ inch	Cutter,	each,	$2 00
129,	Fore,	21 "	2½	"	"	2 25
132,	Jointer,	26 "	2¾	"	"	2 50

Extra Plane Woods, of every style, can be supplied cheaply. All above Planes, One in a Box.

The Stanley Adjustable Planes.

BELT MAKERS'

Fig 399.

No. 13.

CARRIAGE MAKERS' RABBET

Fig 400

Nos. 10 and 10½

No. 10,	Carriage Makers' Rabbet Plane, 13 inches in Length, 2⅜-inch Cutter,	each,	$4 50
10½	" " " 9 " " 2¼-inch "	"	3 75
17,	Belt " Plane 2⅜-inch "	"	3 00

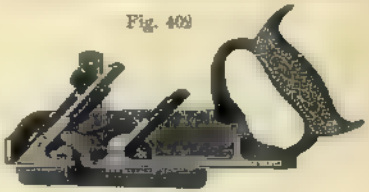
IMPROVED RABBET

Fig. 401.

Nos. 180 to 192

Duplex Rabbet Plane and Filletster

Fig. 402



No. 78

No. 78	Duplex Rabbet Plane and Filletster Iron Stock and Fence, 8¼ inches in Length, 1¼-inch Cutter, each,		$1 50
180,	Improved Rabbet Plane, Iron Stock, 8 inches in length, 1⅛ inches wide, without Spur,		1 00
181,	" " " " 8 " " 1¼ " " " " " "		1 00
182,	" " " " 8 " " 1 " " " " " "		1 00
190,	" " " " 8 " " 1½ " " with " "		1 15
191,	" " " " 8 " " 1¼ " " " " "		1 15
192.	" " " " 8 " " 1 " " " " " "		1 15

FLOOR PLANE.

Fig 403.

No. 74, Floor Plane, 10½ in. in Length, 2½-in. Cutter, full length of Handle 45 in., Weight about 10 lbs., each, $4 50

All above Planes, One in a Box

The Stanley Adjustable Planes.

UNIVERSAL HAND BEADER.

Fig. 404.

No. 66, Hand Beader, with 7 Steel Cutters, each, $1 00
Extra Cutters, - - - " 05

WOODWORKERS' HANDY ROUTER.

Fig. 405.

No. 71, Woodworkers' Handy Router, Iron Stock, with ¼ and ½ inch Steel Bits, each, $1 50

TONGUING AND GROOVING

Fig. 406.

Nos. 48 and 49.

IMPROVED CHAMFER PLANE.

Fig. 407.

No. 72

No. 48,	Iron Stock and Fence, with Tonguing and Grooving tools, for ¼ to 1¼ inch Boards, -	each, $2 50
49,	" " " " " " ⅝ to ⅞ " -	" 2 50
72,	" Chamfer Plane, 9 inches in length, 1⅛ inch Cutter, - - - -	" 2 00
72½,	" " " 9 " " with Beading and Moulding Attachment, -	" 3 00

Miller's Patent Combined Plow, Filletster and Matching

Fig. 408

Each Plane is accompanied by Sliding-tool, a Tonguing-tool ½ inch, a Filletster Cutter and eight Plow Bits, ($\frac{1}{16}$, $\frac{3}{16}$, $\frac{1}{8}$, $\frac{5}{16}$, $\frac{3}{8}$, $\frac{7}{16}$, ½ and ⅝ inches).

No. 41,	Iron Stock and Fence, - - - - - - - -	each, $9 00
42,	Gun Metal Stock and Fence, - - - - - - -	" 12 00

All above Planes, One in a Box

The Stanley Adjustable Planes.

Miller's Patent Combined Plow and Matching Plane.

Fig. 409.

The above engraving represents the tool adjusted for use as a Plow. With each Plow eight Bits ($\frac{1}{8}$, $\frac{3}{16}$, $\frac{1}{4}$, $\frac{5}{16}$, $\frac{3}{8}$, $\frac{7}{16}$, $\frac{1}{2}$ and $\frac{5}{8}$) are furnished, also a Slitting-tool, and a Tonguing tool ($\frac{1}{2}$ inch) are furnished, and by use of the latter, together with the $\frac{1}{4}$ inch Plow Bit for grooving, a perfect Matching Plane is made.

No. 43, Iron Stock and Fence, - each, $ 7 00
44, Gun Metal Stock and Fence, " 10 00

Traut's Patent Adjustable Dado, Filletster, Plow, Etc.,

Fig. 410.

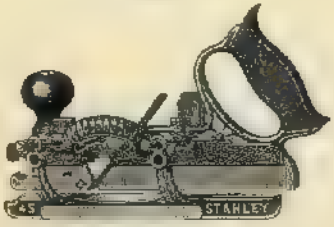
By attaching the Guard plate, shown above, to the sliding section, the tool may be readily converted into a Plow, a Filletster or a Matching Plane. The tool is accompanied by eight Plow Bits ($\frac{3}{16}$, $\frac{1}{4}$, $\frac{5}{16}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{3}{4}$, $\frac{5}{8}$ and $1\frac{1}{4}$), a Filletster Cutter, a Slitting-tool and a Tonguing-tool.

No. 46, Iron Stock and Fence, - - each, $7 00

No. 47. Ad. Dado, Iron Stock and Fence, including Bits $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$ and $1\frac{1}{4}$ inch and Slitting-tool, each, $8 00

TRAUT'S PATENT ADJUSTABLE BEADING, RABBET AND SLITTING

Fig. 411.



Each Plane is accompanied by seven Beading Tools ($\frac{1}{8}$, $\frac{3}{16}$, $\frac{1}{4}$, $\frac{5}{16}$, $\frac{3}{8}$, $\frac{7}{16}$ and $\frac{1}{2}$ inch) nine Plow and Dado Bits ($\frac{1}{8}$, $\frac{3}{16}$, $\frac{1}{4}$, $\frac{5}{16}$, $\frac{3}{8}$, $\frac{7}{16}$, $\frac{1}{2}$, $\frac{3}{4}$ and $\frac{1}{4}$ inch.) A Slitting-tool and a Tonguing-tool.

No. 45, Iron Stock and Fence, - - - - - - - - - - each, $8 00

HOLLOWS AND ROUNDS FOR No. 45 PLANE

Fig. 412.

Hollow.

Fig. 413.

Round.

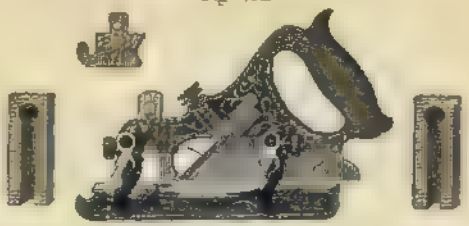
Nos.	6	8	10	12
Works, Inch Circle	$\frac{3}{4}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$
Price, in Pairs,	$1 40	1 40	1 40	1 40
Each,	75	75	75	75

All above Planes, One in a Box; Hollows and Rounds, One Pair in a Box

Adjustable Planes.

BULL-NOSE PLOW, FILLETSTER, AND MATCHING PLANE.

Fig. 414.



Two interchangeable front parts go with this Tool. The form shown above is that of a Bull-Nose Plow, and the Cutter will easily work up to and in a right angle, or any regular size, as in Sash fitting, Stairworks, etc. With the other front on, it takes the ordinary form of a Plow, and is adapted to all regular uses.

With each Tool, eight Plow Bits (1/8, 3/16, 1/4, 5/16, 3/8, 7/16, 1/2 inch), a Filletster Cutter and a Slitting Blade are furnished; also a Tonguing-tool (1/4 inch).

No. 141, Bull-Nose Plow, Filletster and Matching Plane, Iron Stock and Fence, each, $7 00
143, " " and Matching Plane, Iron Stock and Fence, without Filletster, " " 5 00

STANLEY'S IMPROVED ADJUSTABLE CIRCULAR.

Fig. 415.

No. 113. Adjustable Circular, 1 3/4 inch Cutter, each $4 00

This Plane has a Flexible Steel Face which can be easily shaped to any required curve, either concave or convex, by turning the Knob on the front of the Plane.

BAILEY'S IMPROVED ADJUSTABLE CIRCULAR.

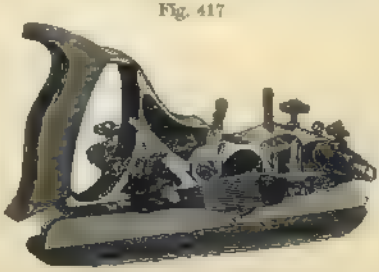
Fig. 416.

Its working capacity is 1 1/2 inches inside circle. Both ends of the face of the Plane are movable, and simultaneously and precisely adjusted by means of one screw.

No. 20. Circular Plane, 9 3/4 inches, 1 3/4 inch Cutter, Nickel plated Trimmings, each, $6 00

J. SIEGLEY'S IMPROVED PATENT ADJUSTABLE CARPENTERS' PLOW, DADO, SIDE AND CENTER BEAD PLANE.

Fig. 417.



No. 2, Including Plow and Dado Cutters, - - 1/16, 1/8, 3/16, 1/4, 5/16, 3/8, 7/16, 1/2, 5/8, 3/4, 7/8
Bead Plane Cutters, - - - 1/16, 1/8, 3/16, 1/4, 5/16, 3/8

Each, $3 50 - - - Extra Cutters, each, $0 25

All above Planes, One only in a Box.

Compasses and Dividers

COMPASSES.

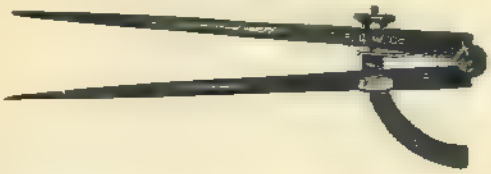
Fig. 1128

	Inches,	4	5	6	7	8
No. 36. Full Polished, Steel Points. Double Joints,	Per Dozen,	$1 60	1 60	2 00	2 40	2 70

One Dozen in a Box.

WING DIVIDERS.

Fig. 1129.



	Inches,	6	7	8	9	10	12	15	18
Cast Steel. Full Polished,	Per Dozen,	$5 50	6 50	7 50	8 50	10 00	12 00	18 00	25 00

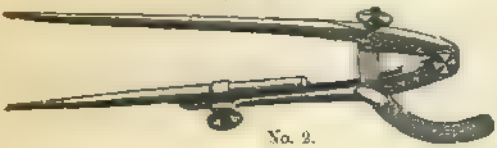
6 to 8-inch. One Dozen in a Box; 9 to 18-inch, One-half Dozen in a Box

	Inches,	6	7	8	10	12
Bemis & Call, Cast Steel. Full Polished,	Per Dozen,	$7 50	9 00	10 25	13 75	16 50

One-half Dozen in a Box

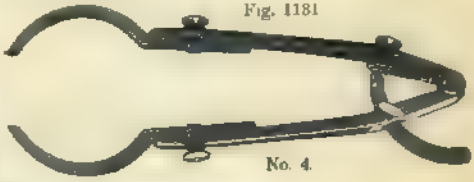
COOK'S PATENT EXTENSION.

Fig. 1130



No. 2.

Fig. 1131



No. 4.

Fig. 1132

No. 3.

No. 2, 5-inch, Brass Head and Sockets, Nickel-plated Steel Points,					per dozen, $10 00
Length,	Inches,	6	7	8	10
2, Iron Head and Sockets, Steel Points,	Per Dozen,	$ 9 00	10 00	11 00	12 00
3, " " "	"	10 00	11 00	12 00	13 00

4, Represents Inside and Outside Caliper Points, as applied to Sockets of No. 3, made to fit 6, 7, 8 or 10-inch; Caliper Points only, - - - - per dozen, $ 6 00

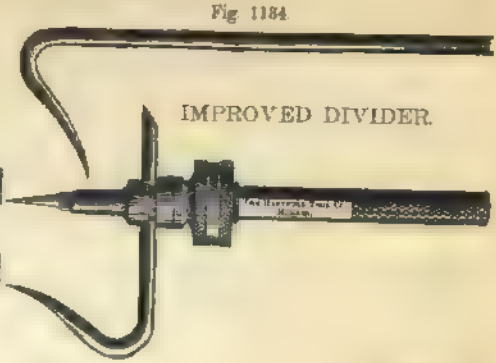
One-half Dozen in a Box.

PENCIL HOLDER.

Fig. 1133.

Fig. 1134.

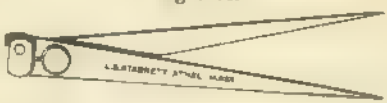
IMPROVED DIVIDER.



Excelsior Pencil Holder, - - - - - -	per dozen,	$3 50
Hartford Tool Co.'s Improved Divider, Cast Steel, Full Polished,	each,	1 50

LOCK JOINT DIVIDERS

Fig. 1135.



Length,	Inches,	5	6
No. 43, Starrett's Cast Steel, Full Polished,	Per Dozen,	$7 20	7 80

SPRING DIVIDERS

Fig. 1136.

No. 41.

Fig. 1137

Nos. 59 and 460.

Fig. 1138.

No. 84.

Fig. 1139.

No. 74.

Fig. 1140.

No. 66

Cast Steel, Full Polished.

Length,	Inches,	2	2½	3	3½	4	5	6	8
No. 41, German Flat Nut,	Per Dozen, $..		-	4 50	....	5 00	5 50	6 00	
52, Stevens' Standard, Solid Nut,	"	12 00			12 00	15 00	15 00	18 00	
66, " Ideal, Spring	" "	....	....	12 00	....	15 00	15 00	18 00	
74, " Leader, Solid	" "	....	7 80	8 40	....	9 00	9 60	10 20	13 20
84, Starrett's, Yankee,	" " "	....	7 80	8 40	....	9 00	9 60	10 20	12 00
460, V. C. & Co.'s,	" " "	....	....	9 00	....	10 00	11 00	12 00	15 00

Spring Dividers with Handles.

Fig. 1141.

Nos. 53 and 464.

Fig. 1142.

No. 83.

Fig. 1143.

No. 77.

Fig. 1144.

No. 75.

Fig. 1145.

No. 67

Cast Steel, Full Polished.

	Length,		Inches,	2	2½	3	3½	4	5	6	8
No. 53,	Stevens' Standard, Solid	Nut,	Per Dozen,	$13 80	..		13 80	16 80	18 00	21 00	.
67,	" Ideal, Spring	"	"	....	....	18 80	....	16 80	18 00	21 00	
75,	" Leader, Solid	"	"	....	9 60	10 20	....	10 80	11 40	12 00	15 00
77,	Starrett's, Fay's "	"	"	....	12 00	12 00	....	...			
77b,	" " Spring	"	"	....	....	....	....	16 80	18 80	21 00	
83,	" Yankee Solid	"	"	.	9 60	10 20	.	10 80	11 40	12 00	15 00
464,	V. C. & Co.'s,	"	"	....	....	10 80	....	12 00	13 50	15 00	

Calipers.

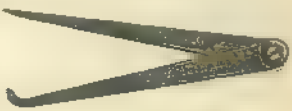
Fig. 1146.

No. 6, 14, 56C.

Fig. 1147.

Nos. 5, 13, 56A

Fig. 1148.



No. 56E.

Cast Steel, Full Polished.

	Length,		Inches,	3	4	5	6	8	10	12	16	18	21	24
No. 5,	Lowentraut's,	Outside,	Per Doz.,	$2 65	2 85	3 30	3 75	5 35	6 50					
6,	"	Inside,	"	2 65	2 85	3 30	3 75	5 35	6 50		.	.		.
13,	German,	Outside,	"	1 80	2 00	2 15	2 35	3 60	4 50	5 25	12 00	15 00	25 00	30 00
14,	"	Inside,	"	1 80	2 00	2 15	2 35	3 60	4 50	5 25	12 00	15 00	25 00	30 00
56A,	Stevens',	Outside,	"	4 20	5 40	6 60	7 80	9 00	10 20	12 00	....	....	....	.
56C,	"	Inside,	"	4 20	5 40	6 60	7 80	9 00	10 20	12 00				
56E,	"	Hermaphrodite,	"	....	5 40	....	7 80	9 00	10 20	..	.	.	.	.

Calipers.

Fig. 1149.

No. 15.

Fig. 1150.

No. 9½.

Fig. 1151.

No. 64.

Fig. 1152

No. 8

Fig. 1153.

No. 9.

Cast Steel, Full Polished

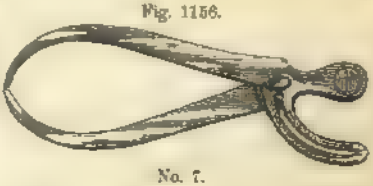
	Length,	Inches,	2	2½	3	3½	4	5	6	8
No. 8,	Navy,	Per Dozen, $	....	....	....	3 50	....	....		.
9,	Fancy,	"	....	3 50		..	..	.		..
9½,	Double,	"	.		.	5 00	.	.		..
15,	Center,	"	.				...	3 50	....	5 00
64,	Double,	"	3 00		3 50	.	4 50	5 50	6 00	

Fig. 1154.

No. 8½

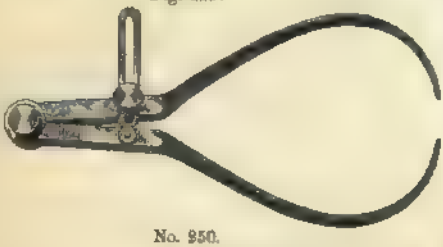
Fig. 1155

Fig. 1156.



No. 7.

Fig. 1157



No. 250.

Fig. 1158.

No. 11

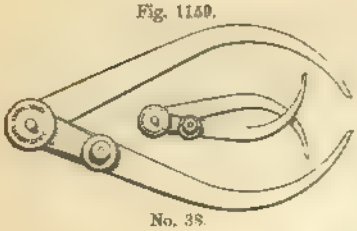
No. 110.

No. 250 Nickel-plated, Nos 7, 8½, 11 and 110 Full Polished. All Cast Steel.

	Length,	Inches,	3	4	5	6	7	8	9	12
No. 7	Outside,	Per Dozen, $	.	4 00	....	6 00	....	7 00	....	.
8½,	Inside,	"		3 70	....	5 00	....	....	..	
11,	Self Registering,	"	7 00	9 00	11 00	13 00			.	.
110,	Double,	"	..	...	4 50	5 20	.		...	..
250,	Outside,	"		.	4 00	..	5 00	.	6 00	8 00

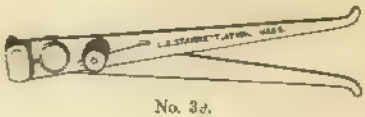
Starrett's "Lock Joint" Calipers.

Fig. 1159.



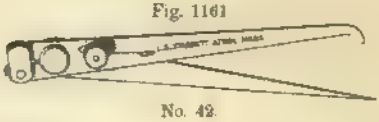
No. 38.

Fig. 1160.



No. 39.

Fig. 1161



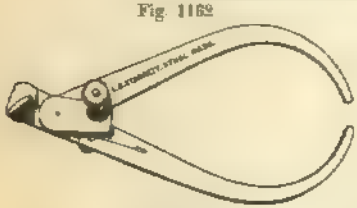
No. 42.

Cast Steel, Full Polished

	Length	-	-	-	Inches,	4	6	8	10	12
No. 38,	Outside, Sensitive Adjustment			-	Per Dozen,	$10 80	12 00	15 00	18 00	21 00
39,	Inside,	"	"	-	"	10 80	12 00	15 00	18 00	21 00
42,	Hermaphrodite, Sensitive Adjustment,			-	"	....	12 00	....	18 00	

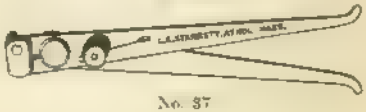
STARRETT'S "LOCK JOINT" TRANSFER CALIPERS

Fig. 1162



No. 36.

Fig. 1163



No. 37

Cast Steel, Full Polished.

	Length,	-	-	-	Inches,	4	6	8	10	12
No. 36,	Outside, Transfer, Sensitive Adjustment,				Per Dozen,	$15 00	18 00	21 00	24 00	27 00
37,	Inside,	"	"	" -	"	15 00	18 00	21 00	24 00	27 00

SPRING CALIPERS

Fig. 1164.

No. 40.

Fig. 1165.

No. 465.

Fig. 1166

No. 468.

Fig. 1167

No. 466.

Cast Steel, Full Polished.

	Length.		-	Inches.	3	3½	4	4½	5	6	7	8
No. 40,	German.	Outside,	Flat Nut,	Per Dozen,	$5 40	5 40	5 40	5 40	5 40	5 40	6 60	7 20
465,	V. C. & Co.'s,	"	Solid "	"	9 00	.	10 50		12 00	13 00	15 00	18 00
466,	"	Inside,	" "	"	....	....	12 00	....	13 50	....	15 00	....
468,	"	Thread,	" "	"	10 50	. .	12 00	.	13 50	.	.	.

Stevens' "Standard" Spring Calipers.

Fig. 1168.

No. 50

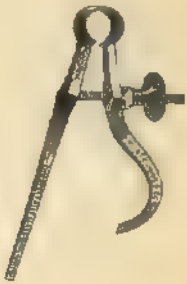
Fig. 1169.

No. 47

Fig. 1170.

No. 48.

Fig. 1171.



No. 49

Cast Steel, Full Polished.

	Length,	2	2½	3	4	5	6
No. 47, Outside, Solid Nut,	Inches,						
	Per Dozen,	$12 00	12 00	12 00	15 00	15 00	18 00
48, Thread,	"			12 00		15 00	
49, Keyhole,	"		....	13 80	18 00		
50, Inside,	"					15 00	

STEVENS' "LEADER" SPRING CALIPERS.

Fig. 1172.

No. 72.

Fig. 1173.

No. 70.

Fig 1174

No. 71.

Fig. 1175.

No. 73.

Cast Steel, Full Polished.

	Length,	2½	3	4	5	6	8
No. 70, Outside, Solid Nut,	Inches,						
	Per Dozen,	$7 80	8 40	9 00	9 60	10 20	12 00
71, Thread,	"	....	9 00	10 80	12 00	....	....
72, Inside,	"	....	....	9 00	9 60	10 20	
73, Keyhole,	"	....	8 40	9 00		..	

Stevens' "Ideal" Spring Calipers.

Fig. 1176.

No. 65.

Fig. 1177.

No. 63.

Fig. 1178

No. 64.

Fig. 1179.

No. 68.

Cast Steel, Full Polished

	Length,		Inches,	2½	3	4	5	6
No. 63,	Outside,	Spring Nut,	Per Dozen,	$12 00	12 00	15 00	15 00	18 00
64,	Thread,	"	"	....	12 00	....	15 00	...
65,	Inside,	"	"	....	12 00	15 00	15 00	18 00
68,	Keyhole,	"	"	....	12 80	16 00	....	....

Starrett's "Yankee" Spring Calipers.

Fig. 1180.

81

Fig. 1181.

73½.

Fig. 1182.

79.

Fig. 1183.

80.

Fig 1184.

82.

Cast Steel, Full Polished.

	Length,		Inches,	2½	3	4	5	6	8
No. 73,	Inside,	Solid Nut,	Per Dozen,	$7 80	8 40	9 00	9 60	10 20	12 00
73½,	"	Spring "	"	....	....	12 00	12 60	13 20	15 00
79,	Outside,	Solid "	"	7 80	8 40	9 00	9 60	10 20	12 00
79½,	"	Spring "	"	....	....	12 00	12 60	13 20	15 00
80,	Thread,	Solid "	"	....	9 00	10 80	12 00	....	....
81,	Inside,	" "	"	....	....	9 00	9 60	10 20	
82,	Keyhole,	" "	"	...	8 40	9 00	. .	.	.

CORK SCREWS.

Fig. No. D3854

Fig. No. D3855

Cuts Two-thirds Size.

PER DOZEN.

No. 115—Spiral Twist, Double and Twisted Steel Wire, ... $1.25

One Dozen in a Box.

PER DOZEN.

No. 19—Spiral Twist, Double and Twisted Steel Wire, **Tinned,** $3.00

One Dozen in a Box.

Fig. No. D3856.

Fig. No. D3857

Fig. No. D3858

Cut Two-thirds Size.

PER DOZEN

No. 35—Spiral Twist, Spring Steel Wire, Beech Handle, ... $1.75

Cut Two-thirds Size.

PER DOZEN.

No. 36 Spiral Twist, Spring Steel **Double Wire,** Polished Beech Handle, ... $6.50

Cut One-half Size.

PER DOZEN.

No. 18—Spiral Twist, Spring Steel Wire, **Tinned,** Polished Beech Handle, ... $5.75

One Dozen in a Box.

CORK SCREWS.

Fig No D3859

Cut One-half Size.

PER DOZEN.

No. 02—Spiral Twist, Cast Steel, Extra Heavy, **Hardwood Handle,** . . $4.75

Fig No D3861

Cut One-half Size.

Fig No D3860

Cut Two-thirds Size.

PER DOZEN.

No. 721—Spiral Twist, Cast Steel, **Cherry Colored, Hardwood Handle,** . $4.00

PER DOZEN.

No. 3—Convex Twist, Cast Steel, **Applewood Handle,** $3.00

Fig. No D3862

Fig No D3863

Cuts Two-thirds Size.

PER DOZEN.

No. 020—Spiral Twist, Spring Steel Wire, Polished Maple Handle, ... $2.75

PER DOZEN.

No. 0110 Spiral Twist, Spring Steel Wire, Polished Maple Handle, **Nickel Plated Band,** $4.00

One Dozen in a Package.

CORK SCREWS.

Fig. No. D3864.

Cut One-half Size.

PER DOZEN.

No. 50½ - Convex Twist, Applewood Handle, Light, . . $1.40

One-half Dozen in a Box.

Fig. No. D3865.

PER DOZEN.

No. 114 Spiral Twist, Cast Steel Screw, **Bronzed** Malleable Iron **Ring Handle,** . $3.00

Fig. No. D3868.

One-half Size Cut of No. 6. (Style of No. 14.)

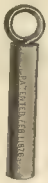
PER DOZEN.

No. 14—Convex Twist, Cast Steel, **Bronzed** Malleable Iron **Ring Handle,** 5 in. Long, Bow 1½ x 2½ in., . . . $3.00

No. 6—Convex Twist, Cast Steel, **Nickel Plated,** Ring Handle, 5 in. Long, Bow 1½ x 3 in., . 6.00

Fig. No. D3867.

Open



Closed.

Cuts One-half Size.

PER DOZEN.

No. 34½ -Pocket, Spiral Twist, Spring Steel Wire, **Nickel Plated, Detachable Socket Handle,** 3½ in. Closed, . . . $5.75

Fig. No. D3868.

Cut showing No. 225 Open.

No 225 Closed.

Cuts Three-quarters Size.

PER DOZEN.

No. 225 "Handy" Pocket, Convex Twist, 2¼ in., **Nickel Plated,** Steel Case, Forged Steel Screw, ... $3 00

One Dozen in a Box.

POCKET CORK SCREWS.

Fig. No. D3869

Fig. No. D3870

PER DOZEN.

No. 400 Folding Pocket, Convex Twist, Round Steel, Plain Finish, 2½ x 1¾ in. Closed, . $1.75

PER DOZEN.

No. 15 Folding Pocket, Convex Twist, Nickel Plated, Oval Bow, Fancy Shape, 2⅜ x 2¼ in. Closed, ... $3 25

One Dozen in a Box.

Fig. No. D3871.

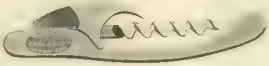


Fig. No. D3872

No. 23.

PER DOZEN.

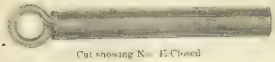
No. 150 Davis, Lever, Pocket, Convex Twist, Nickel Plated, **with Wire Cutter,** . $9 00

PER DOZEN.

No. 23—Folding Pocket, Convex Twist, Cast Steel, **with Champagne Opener, Nickel Plated,** 2½ x 3 in. Closed, . $9.00

One Dozen in a Box.

Fig. No. D3873



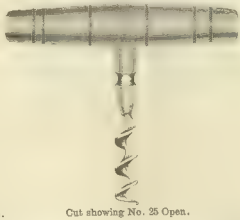
Cut showing No. 45 Closed

Fig. No. D3874

Cut showing No. 25 Closed

Cut showing No. 45 Open.

Cuts Full Size.



Cut showing No. 25 Open.

PER DOZEN

No. 45 Pocket, Spiral Twist, Spring Steel Wire, Detachable Socket Case, 3¾ in. Closed, $1.75

PER DOZEN

No. 25 Folding Pocket, Convex Twist, Nickel Plated, 2¾ in Closed, . . . $8 00

One Dozen in a Box.

CORK SCREWS.

Fig No. D3875

Cut Two-thirds Size.

"S. H. Co. Original Package."

PER DOZEN.

No. 1="S. H. Co. Original Package", Drawn Steel, **Nickel Plated, Spiral Twist,** Hardwood Handle, **with Champagne Opener,** $12.00

Fig No. D3876

Cut One-half Size.

Magic.

PER DOZEN.

Magic, Convex Twist, Nickel Plated, Walnut Handle, ... $7.75

Fig No. D3877

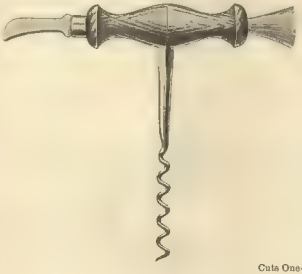


Fig No. D3878

Cuts One-half Size.

PER DOZEN.

No. 34—Spiral Twist, Cast Steel, Rosewood Handle, **with Champagne Opener and Brush,** $9.25

PER DOZEN.

No. 220—Convex Twist, Cast Steel, **Nickel Plated Screw,** Long Point, Rosewood Handle, **with Champagne Opener and Brush,** $15.00

One Dozen in a Box.

CORK SCREWS.

Fig. No D2679

Fig. No D2680

Cuts One-half Size.

PER DOZEN.

No. 171 -Convex Twist, Cast Steel, Spring Lever, **Nickel Plated** Frame, Rosewood Handle, $7.00

One Dozen in a Package.

PER DOZEN.

No. 42—Convex Twist, French Lever, Double Acting, **Nickel Plated,** . . . $15.00

One-half Dozen in a Box.

LEVER CORK PULLERS.

Fig. No D2683

Fig. No D2682

Fig. No D2681.

PER DOZEN.

Extra Clamps, Tinned, for Fastening Samson Cork Pullers to Table or Bar, . . $4.50

PER DOZEN.

No. 28 Rapid Cork Pullers, Nickel Plated, $60.00

One-twelfth Dozen in a Box.

PER DOZEN.

Samson Cork Pullers, Nickel Plated, Rosewood Handle, ... $42.00

Extra Spiral Screws for Samson Puller, 4.50

One-twelfth Dozen in a Box. One Dozen in a Case.

CHAMPAGNE NIPPERS AND CORK SCREWS.

Fig. No. D3694

One-half Size Cut of No. 5544.

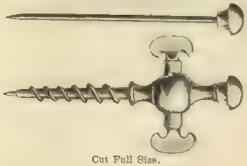
Rodger's Champagne Nippers.

	PER DOZEN.
No. 5544 With Cork Screw and Brush,	$42.00
No. 5543—With Brush only,	24.00
No. 5542—Without Cork Screw or Brush,	18.00

One Dozen in a Package.

CHAMPAGNE TAPS.

Fig. No. D3695



Cut Full Size.

	PER DOZEN.
No. 2100—Champagne Taps, Silver Plated,	$10.50

One in a Paper Box. One-half Dozen in a Package.

BOTTLE CORKERS.

Fig. No. D3698

Cut One-half Size.

	PER DOZEN.
No. R—Bottle Corkers, Polished Maplewood,	$10 00

Packed Loose.

MUDDLERS.

Fig. No. D3697

Cut One-half Size.

	PER DOZEN.
Muddlers, **Maplewood,**	$1.50
Muddlers, **Rosewood,**	6 00

Packed Loose.

Patent Decorated Pearl Agate Ware.

Fig. 6297.

No. 5750 Series, Mottled.

White Metal Mountings and Protection Bands.
White Porcelain Inside

No. 5753,	Tea Pot,	Capacity	3	Pints,	per dozen,	$25 00
5754,	"	"	4	"	"	27 00
5755,	"	"	5	"	"	29 00

Assorted Tints, Russet, Violet, Salmon, Sage and Chocolate.

Patent Decorated Pearl Agate Ware.

Fig. 6298.

No. 8760 Series, Mottled.

White Metal Mountings and Protection Bands, White Porcelain Inside
With Deep Infusion Sacks.

No. 8764,	Coffee Pot, Capacity 4 Pints,	per dozen,	$3[illegible] 00
8765,	" " " 5 "	"	3[illegible] 00
8766,	" " " 6 "	"	38 00

Assorted Tints, Russet, Violet, Salmon, Sage and Chocolate.

Patent Decorated Pearl Agate Ware.

Fig. 6229

No. 8650 Series, Mottled.

White Metal Mountings and Protection Bands.
White Porcelain Inside.

No. 8652,	Tea Pot,	Capacity	2 Pints,	- - - - - -	per dozen,	$29 00
8653,	"	"	3 "	- - - - - -	"	32 00
8654,	"	"	4 "	- - - - - -	"	35 00

Assorted Tints, Russet, Violet, Salmon, Sage and Chocolate.

Patent Perfection Granite Ironware.

Fig. 6222

No. 4760 Series.

White Metal Mountings and Protection Bands, with Deep Infusion Sacks

No. 4764,	Coffee Pot,	Capacity	4 Pints,	per dozen	$30 00
4765,	"	"	5 "	"	33 00
4766,	"	"	6 "	"	36 00

Patent Decorated Pearl Agate Ware.

Fig. 6223.

No. 5550 Series, Assorted Tints.

Patent Enameled Wood Handles, Nickel plated Covers,
White Porcelain Inside.

No. 5552,	Tea Pot,	Capacity	2	Pints,	per dozen,	$15 00
5553,	"	"	3	"	"	17 00
5554,	"	"	4	"	"	19 00
5555,	"	"	5	"	"	21 00

Assorted Tints, Russet, Violet, Salmon, Sage and Chocolate.

Patent Decorated Pearl Agate Ware.

Fig 6224.

No. 8560 Series, Assorted Tints.

Patent Enameled Wood Handles, Nickel-plated Covers,
White Porcelain Inside

No. 8563,	Coffee Pot, Capacity	3	Pints,	per dozen,	$17 00
8564,	" "	4	"	"	19 00
8565,	" "	5	"	"	21 00
8566,	" "	6	"	"	23 00

Assorted Tints, Russet, Violet, Salmon, Sage and Chocolate.

Patent Decorated Pearl Agate Ware.

Fig. 8225.

No. 8150 Series, Assorted Tints.

Nickel-plated Mountings, White Porcelain Inside

No. 8153,	Tea Pot, Capacity	3	Pints.	each,	$2 25
8154,	" "	4	"	"	2 50
8155,	" "	5	"	"	2 75

Assorted Tints, Russet, Violet, Salmon, Sage and Chocolate.

Patent Decorated Pearl Agate Ware.

Fig. 6226.

No. 9160 Series, Assorted Tints.

Nickel-plated Mountings, White Porcelain Inside.

No. 9163,	Coffee Pot, Capacity	3	Pints,	each,	$2 00
9164,	" "	4	"	"	2 25
9165,	" "	5	"	"	2 50
9166,	" "	6	"	"	3 00

Assorted Tints, Russet, Violet, Salmon, Sage and Chocolate.

Cork Pullers.

Fig. 4796

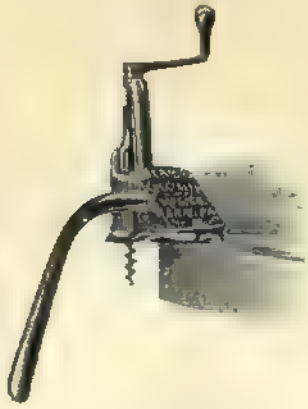


Fig. 4797

Fig. 4795

No. 16 No. 20 No. 2

No. 19. Samson, Full Nickel plated,		[illegible]
15. " " "	with Clamp,	[illegible]
20. Er[illegible]		[illegible]
45. " " "	with Clamp,	[illegible]
Extra Screws for Samson or Erie Cork Pullers.		[illegible]

Fig. 4798

No. 27

THE RAPID

Full Nickel plated.

No. 27. Without Clamp	each,	$3 [illegible]
28. With "	"	4 [illegible]
Extra Cork Screws	per dozen,	[illegible]

The "Rapid" cuts the Wires and draws the Cork of any ordinary Ale Wire [illegible] Mineral Water Bottle with one movement.

Fig. 4799

No. 28

Corkscrews.

POCKET.

Fig. 4768. Cuts ½ Size. Fig. 4769.

No. 37

No. 39.

No. 37, Hand-Forged from best Cast Steel, Spiral Twist, - - - -	per dozen,	$5 20
39, " " " " " with Champagne Opener, -	"	8 50

DELMONICO POCKET.

Fig. 4770. Cuts ½ Size.

No. 115.

Fig. 4771.

No. 120.

Fig. 4772.

No. 130

No. 115, Cast Steel, Spiral Twist, Hardened and Tempered, Nickel-plated, - - -	per dozen,	$2 00
120, " " " " " "	"	1 75
130, " " " " " " - - -	"	1 50

All above Corkscrews, One Dozen in a Box.

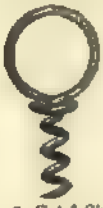
Corkscrews.

CRUCIBLE STEEL, HARDENED AND TEMPERED.

Fig. 4773.

No. 19, Cut ½ Size.

Fig. 4774.



No. 3, Cut ½ Size.

Fig. 4775.

No. 17, Cut ½ Size.

No. 3,	Patent, Steel Wire Cork Ring, One half Dozen on a Card,	per gross,	$2 00
19,	Tinned Steel Wire, Double and Twisted Shank, Wire Handle.	per dozen.	1 50
17,	" " " " " Maple Handle,	"	2 00

Fig. 4776.

No. 18.

Fig. 4777

No. 21.

Cuts ½ Size.

No. 18,	Tinned Steel Wire, Double and Twisted Shank, Maple Handle,	per dozen,	$3 00
21,	" " " " " " " and Brush,	"	3 50

All above Corkscrews, One Dozen in a Box.

Corkscrews.

Fig. 4779

Fig. 4778

Fig. 4780

No. 0, Cut ½ Size. No. 118, Cut ½ Size. No. 32, Cut ½ Size.

No. 1	Cast Steel, Spiral Twist, Rosewood Handle	per dozen,	$1 [illegible]
[illegible]	" " " " with Champagne Opener,	"	[illegible]
48	" Extra Heavy Spiral Twist, Rosewood Handle		4 [illegible]

Fig. 4781.

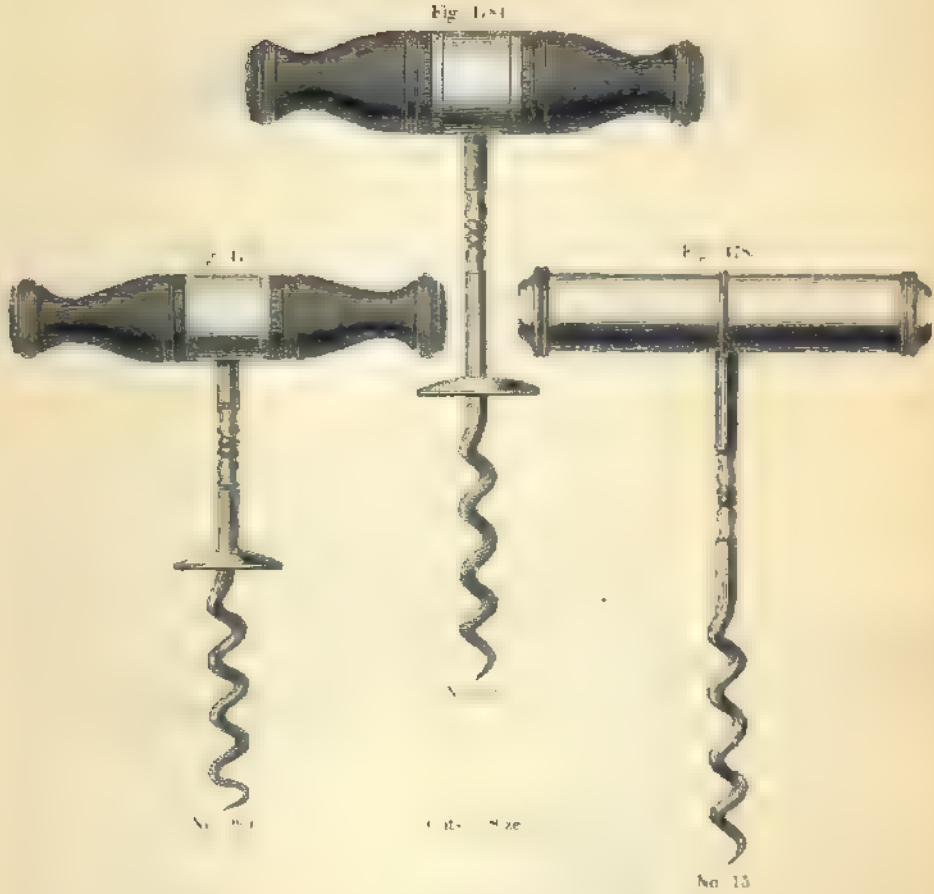
Fig. 4782.

No. 34. Cuts ½ Size. Nos. 45 and 47

No. 34	Cast Steel, Spiral Twist, Rosewood Handle, with Champagne Opener and Brush,	per dozen,	$8 50
45	" Convex " Japanned Loop Handle,	"	3 50
47.	" " " Bronzed " "	"	4 00

All above Corkscrews, One Dozen in a Box

Corkscrews.



No. 15,	Cast Steel,	Spiral Twist,	Fancy Metal	Handle,	Nickel plated,	-	-	-	per dozen,	$4 00
220,	"	"	Polished Cherry	"	"	-	-	-	"	2 50
223		"	"	"	"	"	-	-	-	"	3 00

One Dozen in a Box

Corkscrews.

Fig. 4787.

No. 29.

Fig. 4786

No. 28.

Fig. 4788

No. 27.

Cuts ¼ Size.

No. 27,	Cast Steel, Convex Twist, Rosewood Handle, with Champagne Opener,	per dozen,	$7 50
28,	" " " " " Brush,	"	4 80
29,	" " " " " Champagne Opener and Brush,	"	8 50

Fig. 4790.

Fig. 4789

No. 23.

Fig. 4791

No. 124.

No. 152

No. 23,	Cast Steel, Convex Twist, Japanned Frame, Rosewood Handle,	per dozen,	$3 00
124,	" " Nickel-plated " " "	"	6 00
152,	Davis' Patent, with Wire Cutter and Patent Fulcrum, Full Nickel plated,	"	6 00

One Dozen in a Box.

Corkscrews.

Fig. 4792

Nos. 41½ and 110.

Fig. 4793.

No. 1045¾.

Fig. 4794.

Nos. 37½ and 118¼

No. 37½,	Cast Steel, Convex Twist, Rack and Pinion with T Handle, Full Nickel-plated, Rosewood Handle and Brush,	per dozen,	$16 00
41½,	Cast Steel, Convex Twist, Double Thread, Full Nickel-plated, Rosewood Handle and Brush,	"	15 00
110,	Cast Steel, Convex Twist, Double Thread, Metal Handle, Full Nickel-plated,	"	15 00
118¼,	Cast Steel, Convex Twist, Rack and Pinion, with Metal T Handle, Full Nickel-plated,	"	16 00
1045¾,	Cast Steel, Convex Twist, Single Thread, Loose Metal Handle, Full Nickel-plated,	"	15 00

One-half Dozen in a Box.

Corkscrews.

ON CARDS

Fig. 476.

No. 350

Fig. 476a.

No. 15

Fig. 476c.

No. 60

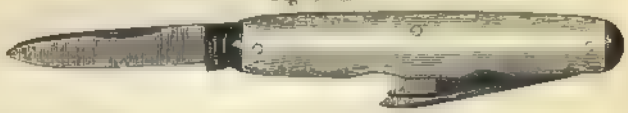
No. 15,	Assortment,	One Dozen on a Card	9 x 12 inches,	per card	$1 25
060,	"	"	9 x 12 "	"	2 50
350	"	"	7½ x 9	"	1 75

Six Cards in a Box.

Pocket Knives.

GEORGE WOSTENHOLM & SONS

Fig. 5003.



No. 14383,	3½ inches,	Stag Handle,	3 Blades,	Brass Lined,	G. S. Tips,			per dozen,	$16	75
14385,	3½ "	Ivory "	3 "	"	"			"	16	75
14387,	3½ "	Pearl "	3 "	"	"			"	21	50
14389,	3½ "	Shell "	3 "	"	"			"	21	00

Fig. 5004

No. 2017,	3½ inches,	Gray Buffalo Handle,	2 Blades,	Brass lined,				per dozen,	$ 7	40
2018,	3½ "	Ivory "	2 "	"				"	7	40
2044,	3½ "	Pearl "	2 "	"				"	13	20
2060,	3½ "	Stag "	2 "	"				"	7	40

Fig. 5005

No. 2015,	3½ inches,	Ivory Handle,	3 Blades,	Brass lined,				per dozen,	$ 9	75
2045,	3½ "	Pearl "	3 "	"				"	16	80
2061,	3½ "	Stag "	3 "	"				"	9	75

Fig. 5006

No. 2065,	3½ inches,	Stag Handle,	3 Blades,	Brass lined,	G. S. Tips,			per dozen,	$13	25
2069,	3½ "	Ivory "	3 "	"	"			"	13	25
2070,	3½ "	Pearl "	3 "	"	"			"	18	75

Fig. 5007

No. 14408,	3½ inches,	Shell Handle,	3 Blades,	Brass Lined,	G. S. Tips and Shield,			per dozen,	$23	00
14410,	3½ "	Stag "	3 "	"	"	"		"	18	00
14414,	3½ "	Pearl "	3 "	"	"	"		"	25	00

All above Pocket Knives, One-half Dozen in a Box.

Pocket Knives.

GEORGE WOSTENHOLM & SON'S

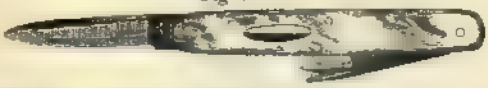
Fig. 5008.

No. 13427, 3½ inches, Ivory Handle, 3 Blades, Brass lined, G. S. Bolsters and Shield, - per dozen, $18 25
13429, 3½ " Pearl " 3 " " " " " - " 23 75
13430, 3½ " Shell " 3 " " " " " - " 22 75

Fig. 5009.

No. 14048, 3¼ inches, Pearl Handle, 3 Blades, Brass lined, G. S. Bolster and Shield, - per dozen, $33 50
14050, 3¼ " Ivory " 3 " " " " " - " 17 25
14051, 3¼ " Stag " 3 " " " " " - " 17 25

Fig. 5010.

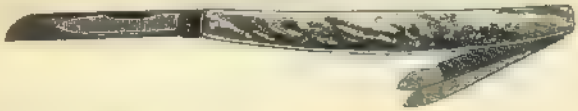


No. 16258, 2½ inches, Pearl Handle, 4 Blades, Brass lined, G. S. Shield, - per dozen, $21 00
16259, 2½ " Shell " 4 " " " " - " 20 25

Fig. 5011.

No. 6643, 2¾ inches, Stag Handle, 4 Blades, Brass lined, G. S. Bolsters, - - per dozen, $16 00
6644, 2¾ " Pearl " 4 " " " " - - " 18 00

Fig. 5012.



No. 6473, 3 inches, Pearl Handle, 4 Blades, Brass lined, - - - - per dozen, $19 50

Fig. 5013.

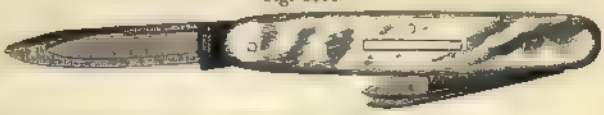
No. 14368, 3 inches, Stag Handle, 4 Blades, Brass and G. S. Tips and Shield - per dozen, $18 25
14370, 3 " Ivory " 4 " " " " " - " 18 00
14372, 3 " Pearl " 4 " " " " " - - " 23 25
14374, 3 " Shell " 4 " " " " " - " 21 75

All above Pocket Knives, One-half Dozen in a Box.

Pocket Knives.

GEORGE WOSTENHOLM & SON'S.

Fig. 5014.



No 16863, 3 inches, Pearl Handle, 4 Blades, Brass lined, G. S. Shield, - - per dozen, $20 50

Fig 5015.

No. 14392,	3¼	inches,	Stag	Handle,	4	Blades,	Brass lined,	G. S.	Tips and Shield,		per dozen,	$19 00
14394,	3¼	"	Ivory	"	4	"	"	"	"		"	18 75
14398,	3¼	"	Pearl	"	4	"	"	"	"		"	24 25

Fig 5016

No. 8278,	3¼	inches,	Pearl	Handle,	4	Blades,	Brass lined,	G. S.	Bolsters and Shield		per dozen,	$24 00
8279,	3¼	"	Shell	"	4	"	"	"	"		"	24 00

Fig. 5017

No. 6652,	3¼	inches,	Ivory	Handle,	4	Blades,	Brass lined,	G. S.	Bolsters and Shield,		per dozen,	$20 75
6657,	3¼	"	Stag	"	4	"	"	"	"		"	20 75
6659,	3¼	"	Pearl	"	4	"	"	"	"		"	25 00

Fig. 5018

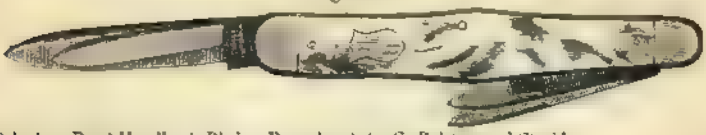
No 14270,	3¼	inches,	Stag	Handle,	4	Blades,	Brass lined,	G. S.	Tips		per dozen,	$20 00
14417,	3¼	"	Ivory	"	4	"	"	"			"	21 00
14419,	3¼	"	Pearl	"	4	"	"	"			"	26 25
14420,	3¼	"	Shell	"	4	"	"	"			"	23 75

All above Pocket Knives, One-half Dozen in a Box.

Pocket Knives.

GEORGE WOSTENHOLM & SON'S

Fig. 5019.



No. 11977, 3½ inches, Pearl Handle, 4 Blades, Brass lined, G. S. Bolsters and Shield, per dozen, $27 00
14163, 3¼ " Stag " 4 " " " " " " 21 00

Fig. 5020.

No. 14284, 3¼ inches, Pearl Handle, 4 Blades, Brass lined, G. S. Shield, per dozen, $33 00

Fig. 5021

No. 14164, 3¼ inches, Pearl Handle, 4 Blades, Brass lined, G. S. Shield, per dozen, $31 25
14165, 3¼ " Ivory " 4 " " " " 22 00

Fig. 5022

No. 6746, 3¼ inches, Ivory Handle, 4 Blades, Brass lined, G. S. Bolsters, per dozen, $20 75
6747, 3¼ " Stag " 4 " " " " " " 30 75
6749, 3¼ " Pearl " 4 " " " " " " 27 25

Fig. 5023.

No. 5611C, 5½ inches, Eraser, Cocoa Handle, per dozen, $3 50
5611WB, 5½ " " White Bone Handle, " 4 00

Fig. 5024

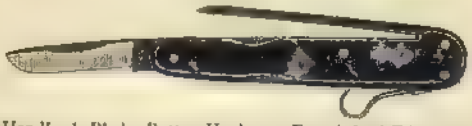
No. 14311, 6½ inches, Eraser and Desk Knife, Ebony Handle, per dozen, $ 6 00
16288, 6½ " " " Ivory " " 13 00

All above Pocket Knives, One-half Dozen in a Box.

Pocket Knives.

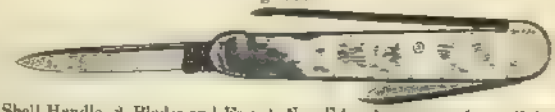
GEORGE WOSTENHOLM & SON'S

Fig. 5025.



No. 16709, 2¼ inches, Pearl Handle, 1 Blade, Button Hook and French Nail File, Brass Lined, per dozen, $18 00
16710, 2¼ " Shell " 1 " " " " " " 17 25

Fig. 5026



No. 12856, 2¼ inches, Shell Handle, 2 Blades and French Nail File, Brass lined, G. S. Bolsters, per dozen, $18 00
12413, 2¼ " Pearl " 2 " " " " 18 50

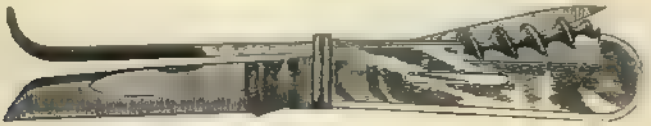
Fig. 5027

No. 16613, 2¼ inches, Pearl Handle, 2 Blades and Scissors, Brass lined, G. S. Shield, per dozen, $27 50

Fig. 5028

No. 16657, 3 inches, Pearl Handle, 2 Blades, Scissors, Button Hook, French Nail File and Corkscrew, Brass lined, G. S. Tips and Shield, - - per dozen, $42 00
16658, 3 inches, Shell Handle, 2 Blades, Scissors, Button Hook, French Nail File and Corkscrew, Brass lined, G. S. Tips and Shield, - - - - " 38 50

Fig. 5029



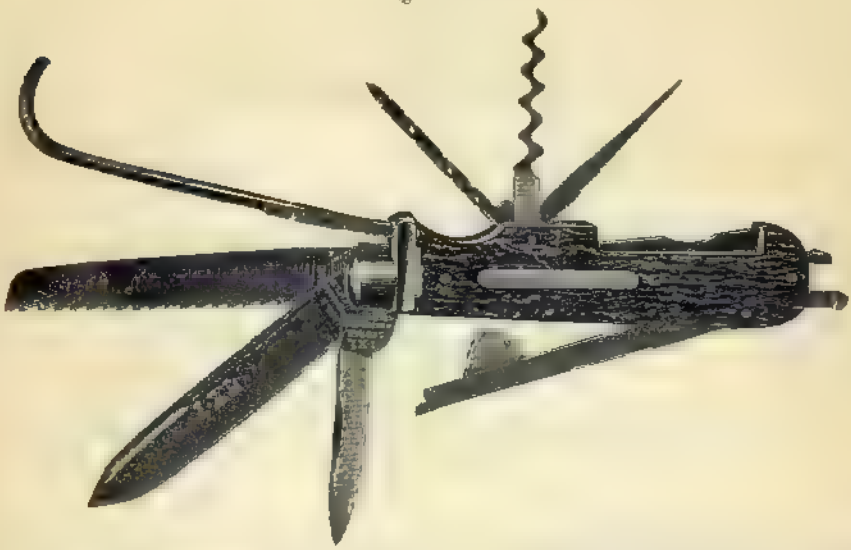
No. 16546, 3 inches, Stag Handle, 2 Blades, Sportsmen's, Brass lined, Iron Bolster, G. S. Shield, per dozen, $29 25
16548, 3 " Pearl " 2 " " " " " " 25 50

All above Pocket Knives, One-half Dozen in a Box.

Pocket Knives.

GEORGE WOSTENHOLM & SON'S.

Fig. 5030.



No. 7577, 3½ inches, Stag Handle, 2 Blades, Sportsmen's Iron lined and Bolster, G. S. Shield, per dozen, $30 00
15596, 3½ " " " 2 " " " " no Saw, " " 19 00

Fig. 5031

No. 7690, 4 inches, Stag Handle, Pruning Knife, Iron lined and Bolster per dozen, $7 15
14543, 4 " Cocoa " " " " " " " 6 50

Fig. 5032

No. 11933, 4½ inches, Iron Handle, Pruning Knife, Iron lined and Bolster per dozen, $5 90

All above Pocket Knives, One-half Dozen in a Box

Pocket Knives.

GEORGE WOSTENHOLM & SON'S

Fig. 5033.

No. 2006, 3½ inches, Cocoa Handle, 2 Blades, Iron lined and Bolster, - - - per dozen, $7 00
11795, 3¾ " " " 1 Blade, " " - - - " 5 15
14134, 3¾ " " " 1 " Brass lined " - - - " 5 50

Fig. 5034.

No. 8015, 3½ inches, Iron Handle 1 Blade, Iron lined and Bolster, - per dozen, $3 65
8019, 3½ " " " 2 Blades, " " - - " 6 15
11168, 3½ " " " 2 " " " Speying Blade, - - " 6 15

Fig. 5035.

No. 2035, 3¼ inches, Cocoa Handle, 2 Blades, Iron lined and Bolster, G. S. Shield - per dozen, $7 30
2049, 3¼ " Ebony " 2 " " " " - " 7 30

Fig. 5036

No. 7030 3¼ inches, Stag Handle, 2 Blades, Iron lined and Bolster. per dozen, $7 50

Fig. 5037

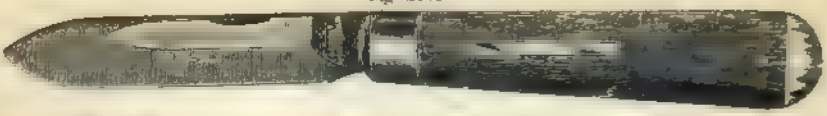
No. 12843, 3¾ inches, Cocoa Handle 2 Blades, Iron lined and Bolster G. S. Shield per dozen, $10 15
9506, 3¾ " Stag " 2 " " " " " 8 00

All above Pocket Knives, One-half Dozen in a Box

Pocket Knives.

GEORGE WOSTENHOLM & SON'S.

Fig. 5038



No. 12044, 3¾ inches, Black Bone Handle, 2 Blades, Brass lined, G. S. Bolsters and Shield, per dozen, $12 00
14126, 3½ " Cocoa " 2 " " " " " 11 75

Fig. 5039

No. 16144, 4 inches, Gray Buffalo Handle, 2 Blades, Brass lined, G. S. Bolster and Shield, per dozen, $11 75
16145, 4 " Cocoa " 2 " " " " " 11 50
16146, 4 " White Bone " 2 " " " " " 11 75

Fig. 5040

No. 2006, 3¾ inches, Cocoa Handle, 2 Blades, Iron lined and Bolster, per dozen, $8 10
2004, 3½ " Ebony " 2 " " " " 8 10

Fig. 5041

No. 2009, 3¾ inches, Cocoa Handle, 2 Blades, Iron lined and Bolsters, per dozen, $8 50
2010, 3¾ " Ebony " 2 " " " " " 9 15

Fig. 5042

No. 2053, 3¾ inches, Stag Handle, 3 Blades, Iron lined, G. S. Bolsters and Shield. per dozen, $14 85

All above Pocket Knives, One-half Dozen in a Box.

MIRRORS.

All Mirrors Shipped at Purchaser's Risk. No Charge for Boxing. Terms on all Mirrors Net, or 1 per cent. Ten Days.

No. 278. MIRROR.

A gem of elegance, the most effective taste, richness and beauty. The frame is 4 inches wide in three colors of finish. The borders on the raised fluted [illegible] are very richly [illegible] gilt. It is a delightful [illegible] that is so perfectly [illegible] and exquisite. It will [illegible] the admiration of the most fastidious.

PRICES EACH

With 17x24 plate German plate			$4 25	bevel, $ 4 85
" 18x40	"	"	5 75	" 6 20
" 20x48	"	"	9 40	" 9 75
" 17x20	French	"	4 80	" 6 15
" 18x40	"	"	6 40	" 7 50
" 20x48	"	"	9 60	" 11 00

No. 16. MASSIVE OAK MIRROR.

Very rich and a grand Mirror made of oak, handsomely shaded and ornamented with carved cut out designs. Also has a molding in same 12 inches wide, in bright silver finish. The oak is 5 inches wide, thus making the frame 6 inches in width.

PRICES EACH

With 17x30 plate German plate			$4 25	bevel $ 5 60
" 18x40	"	"	6 60	" 7 30
" 20x48	"	"	11 30	" 10 35
" 17x20	" French	"	5 60	" 6 45
" 18x40	"	"	7 75	" 8 40
" 20x48	"	"	10 80	" 12 20

No. 294. PIER MIRROR.

Notice particularly this new oak Mirror and the price. Solidly and artistically made and well finished. You will be suited in style, quality and price and make no mistake in ordering it.

PRICES EACH

With 18x40 plate German plate			$5 10	bevel, $ 5 50
" 20x48	"	"	7 10	" 7 50
" 18x40	" French	"	7 75	" 1 00
20x48	"	"	9 00	" 11 00

MIRRORS.

All Mirrors Shipped at Purchaser's Risk. No Charge for Boxing. Terms on all Mirrors Net, or 1 per cent. Ten Days.

No. 505. SWINGING MIRROR.

A beauty and cheap. [illegible] well finished and [illegible] carved with [illegible] panel back covering the back of the mirror plate.

PRICES EACH

With 18x40 plain German plate		$10 60,	bevel,	$11 25
" 18x40 "	French "	11 00,	"	12 50

No. 295. PIER MIRROR.

Never [illegible] this Mirror. [illegible] artistic [illegible] finished and a [illegible] for [illegible]. Made of oak or walnut, upper half of [illegible] are [illegible], [illegible] turnings and carved top. Very [illegible].

PRICES EACH

With 1[illegible]x[illegible] plain German plate		$4 10,	bevel,	$4 75
" 18x[illegible] " " "		4 [illegible]	"	[illegible]
" 18x4[illegible] " " "		[illegible]	"	5 95
" 17x[illegible] "	French "	4 80	"	5 60
" 18x[illegible] " " "		15,	"	5 90
" 18x40 " " "		5 75,	"	7 10

No. 252. ORNAMENTAL OAK MIRROR.

Frame is made of flat oak molding, back part of same being [illegible] [illegible] brass [illegible] the whole effect being very [illegible] 9x12 [illegible] 18x[illegible] [illegible] 18x40 [illegible] with plain or beveled German plates at following prices.

PRICES EACH

With 1[illegible]x1[illegible] plain German plate		$1 15,	bevel,	$[illegible]
" 10x14 " " "		1 2[illegible]	"	1 [illegible]
" 10x17 " " "		1 3[illegible]	"	1 [illegible]
" 12x20 " " "		1 [illegible]	"	[illegible]
" 13x22 " " "		[illegible]	"	[illegible]
" 14x24 " " "		[illegible]	"	[illegible]
" 15x26 " " "		[illegible]	"	[illegible]
" 16x28 " " "		[illegible]	"	4 [illegible]
" 17x30 " " "		1 [illegible]	"	4 [illegible]
" 18x32 " " "		4 [illegible]	"	[illegible]
" 18x36 " " "		5 [illegible]	"	5 75
" 18x40 " " "		5 35,	"	6 45

MIRRORS.

All Mirrors Shipped at Purchaser's Risk. No Charge for Boxing. Terms on all Mirrors Net, or 1 per cent. Ten Days.

No. 625.

SWINGING MIRROR.

A GOOD ARTICLE AND VERY CHEAP.

Made of walnut, oak or in mahogany finish. Your special attention is invited to this nice Mirror, and the price we offer it for

In ordering, be sure to state whether oak, walnut or mahogany finish is wanted, and which kind of plate

18x40, with German plate		each,	$ 9 75
20x48	" " "	"	13 75
18x40	" beveled edge German plate	"	10 90
20x48	" " " "	"	11 60
18x40	" French plate	"	10 25
20x48	" " "	"	14 50
24x48	" " "	"	17 00
20x60	" " "	"	18 00
18x40	" " " bevel edge	"	11 60
20x48	" " " " "	"	15 75
24x48	" " " " "	"	18 75
20x60	" " " " "	"	20 40

No. 521.

SWINGING MIRROR.

Fine heavy gattern handsomely carved and first-class finish. In walnut, oak, or cherry, in the natural color of the wood, or in mahogany finish.

20x48, with plain German mirror plate		each	$18 75
20x48	" " French " "	"	20 00
20x60	" " " " "	"	24 00
20x48	" bevel German " "	"	19 50
20x48	" " French " "	"	21 75
20x60	" " " " "	"	27 00

READ THE PREFACE BEFORE ORDERING.

MIRRORS.

All Mirrors Shipped at Purchaser's Risk. No Charge for Boxing. Terms on all Mirrors Net, or 1 per cent. Ten Days.

No. 260. SWINGING MIRROR.

This is an elegant, large Mirror, very strong and heavy, with the outside supporting frame extending entirely around the frame containing the glass. It is made of oak, finely finished. Frame containing plate is finely ornamented, and the outside frame is elegantly turned, and the whole arrangement very ornamental and first-class in everything.

With 20x48 plain German Plate.			each,	$18 50
" 20x48 bevel " "			"	19 50
" 20x48 plain French "			"	19 50
" 20x48 bevel " "			"	20 25
" 26x54 plain " "			"	25 00
" 26x54 bevel " "			"	28 00
With Casters.				

No. 503. SWINGING MIRROR.

Frame of oak, antique finish, has a finished panel back.

Extreme height..... 82½ inches. Extreme width.....31½ inches.

Height from floor to glass, 22 inches.

With 20x48 German plain plate			each,	$21 50
" 20x48 " bevel "			"	22 50
" 20x48 French plain "			"	22 25
" 20x48 " bevel "			"	23 75

READ THE PREFACE BEFORE ORDERING.

MIRRORS.

All Mirrors Shipped at Purchaser's Risk. No Charge for Boxing. Terms on all Mirrors Net, or 1 per cent. Ten Days.

No. 58. THREE LIGHT MIRROR.

Made of oak in antique finish. Handsome design and pretty turnings. Fitted with three 18x54 thick plate glass mirrors. Closes same as 57 at the right. Side wings can be set at any angle and a perfect reflection of your back is presented.

Side plate wings swing on wooden bracket arms hinged on outer frame by heavy nickel plated strap hinges. All of the three plates swing on pivots, sides fold in front of center plate. This is an excellent cheval standard mirror, and desirable for all the uses mentioned for No. 57.

Price, with three 18x54 plain plates	each, $40 75
Price, with bevel plates.....	" 48 50

No. 57. THREE LIGHT MIRROR.

This handsome three light Mirror is made of oak in antique or 16th century finish, richly carved and rubbed finish. Has three 18x54 thick plate mirrors. When open reflects same as shown in No. 58 to the left.

Side wings can be set at any angle and a perfect reflection of your back is presented before you without trying to twist your head off and forcing your garment full of wrinkles. Side plate wings swing on wooden bracket arms hinged on outer frame by heavy nickel plated strap hinges. All of the three plates swing on pivots, sides fold in front of center plate, and being put on easy roll casters, it can be used where the room is limited. Very desirable for merchants, clothiers, cloak dealers, milliners, dressmakers, hat and cap dealers, barber shops, toilet rooms, etc.

Price, with three 18x54 plain plates . .	each, $42 75
Price, with bevel plates	" 50 50

No. 1891. CHEVAL TRIPLICATE MIRROR.

Patented September 10, 1889

This Mirror is manufactured expressly for clothiers, merchant tailors, dressmakers, cloak and suit makers, and for hairs, stores, houses, etc. One that will show you how the back of a garment sets without turning the head around and looking over the shoulder.

It is a solid mirror for the center of a room when closed, forming a double-faced cheval, and used both sides at the same time.

Side mirrors are hung with Rudlan improved adjusting hinge, holding its own position to cast the proper reflection, and holding tight. When closed the side mirrors swing to the back and rest together, forming mirrors on both sides of the cheval, the hinge holding them together. Pronounced by all who have examined it the best ever made.

DIRECTIONS FOR USING THIS MIRROR.

After standing the mirror upon the floor, hang the side glasses on, having all the mirrors facing you, and if your dress is level they will swing into their own position and cast the desired reflection, the hinges being self-adjusting. Do not stand too close to the glass, but adjust to the desired effect. Stand out about three feet from the center mirror and turn your back to one of the side glasses and look into the mirror on the other side, and you obtain a full back view without looking back of you, or over your shoulder. A perfect gem in every respect.

MADE OF ANTIQUE OAK. HINGES NICKEL PLATED.

Fitted with one 20x54 and two 16x54 plain French mirror plates	each, $41 00
" " " 20x54 " " 16x54 bevel edge French mirror plates	" 49 00

MIRRORS.

All Mirrors Shipped at Purchaser's Risk. No Charge for Boxing. Terms on all Mirrors Net, or 1 per cent. Ten Days.

No. 1892. PIER MIRROR.

ONE OF THE CHEAPEST ON EARTH.

Made of walnut or oak, or in natural cherry finish, with the slab of the same material. Bound to have an immense sale. Fitted with 20x60 French mirror plate. Extreme height of frame, 93 inches; extreme width at top, 28 inches, width at base, 24¾ inches.

Fitted with a 20x60 plain French mirror plate .....each, $13 95
Fitted with a 20x60 bevel edge French mirror plate.....each, 16 95

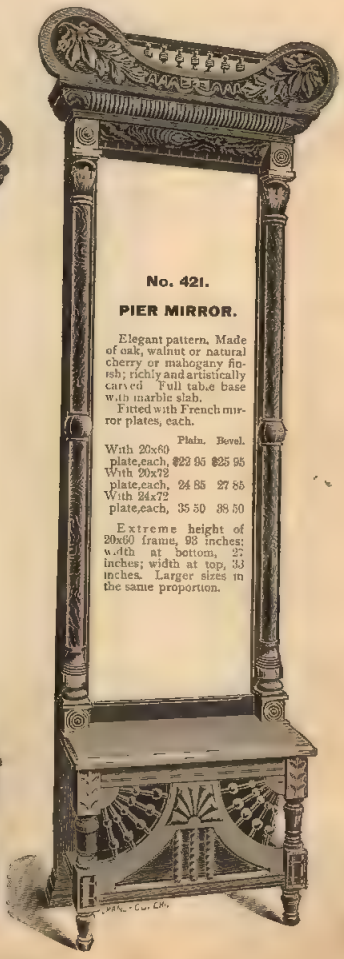
No. 566.

PIER MIRROR.

Handsome, new pattern. Made of walnut oak or cherry, in natural or mahogany finish. Richly carved, full table base, with marble slab.

Fitted with French mirror plates.

20x60 plain,	each,	$19 95
20x60 bevel,	"	22 95
20x72 plain,	"	21 85
20x72 bevel,	"	24 85
24x72 plain,	"	31 50
24x72 bevel,	"	34 50



No. 421.

PIER MIRROR.

Elegant pattern. Made of oak, walnut or natural cherry or mahogany finish; richly and artistically carved. Full table base with marble slab.

Fitted with French mirror plates, each.

	Plain.	Bevel.
With 20x60 plate, each,	$22 95	$25 95
With 20x72 plate, each,	24 85	27 85
With 24x72 plate, each,	35 50	38 50

Extreme height of 20x60 frame, 93 inches; width at bottom, 27 inches; width at top, 33 inches. Larger sizes in the same proportion.

READ THE PREFACE BEFORE ORDERING.

MIRRORS.

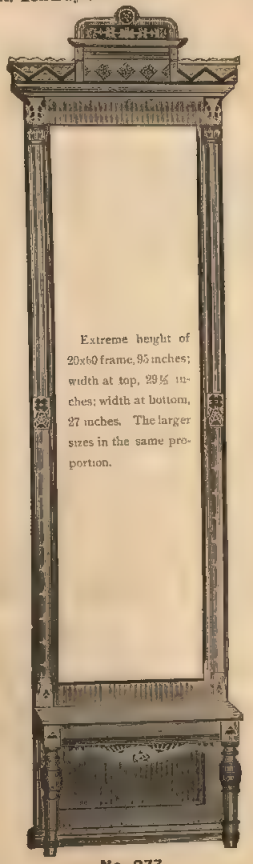
All Mirrors Shipped at Purchaser's Risk.—No Charge for Boxing. Terms on all Mirrors Net, or 1 per cent. Ten Days.

No. 276. PIER MIRROR.

This pattern is one of the cheapest. The style is first-class throughout. When made of walnut, the raised panels have French veneer upon same and the half-round columns are ebonized. We also supply this Mirror in mahogany or ebony finish. The top and base are of very handsome design, the engraving is gilded and is neat and artistic; it has a large marble slab. Handsome pattern. Notice price for same.

Fitted with French mirror plates.

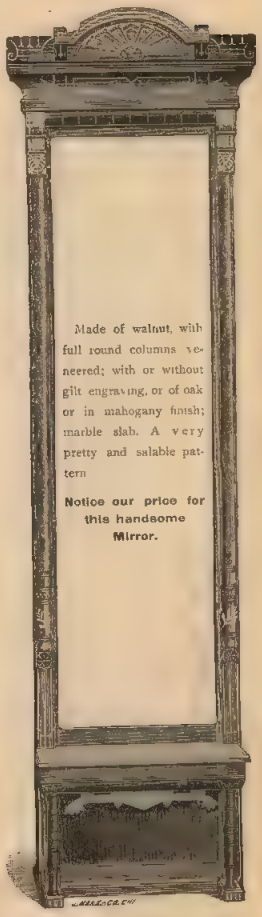
	Each.		Each.
20x60 plain .	$19 50	20x72 bevel	$24 50
20x60 bevel. ..	21 75	24x72 plain. .	31 00
20x72 plain.....	2. 50	24x72 bevel .	35 00



No. 277. WALNUT PIER MIRROR.

This is one of our special patterns. The top half of column is half round and fluted, base is open in front and has a full sized marble slab, the engraving is gilt, well finished, and trimmed with ebonized ornamentations. Very pretty and cheap. Fitted with French mirror plates.

		Plain.	Bevel.
With 20x60 plate..	each,	$18 50	$21 00
" 20x72 " . ..	"	21 50	25 50
" 24x72 "	"	29 00	32 50



No. 345. PIER MIRROR.

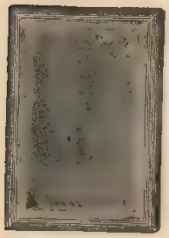
Fitted with French mirror plates.

		Plain	Bevel
With 20x60 plate . .	each,	$23 75	$26 75
" 20x72 "	"	27 50	28 50
" 24x72 "	"	34 00	37 00

Extreme height of 20x60 frame, 95½ inches; width at top, 30 inches; width at bottom, 25 inches. The larger sizes in same proportion.

MIRRORS.

All Mirrors Shipped at Purchaser's Risk. No Charge for Boxing. Terms on all Mirrors Net, or 1 per cent. Ten Days.



No. 110.

BEVEL FRAME.

Made of gum wood, beaded in center, finish imitation mahogany, fitted with American mirror plates.

4x 6	per doz.,	net,	$0 75
5x 8	"	"	90
6x 8	"	"	1 15
7x 9	"	"	1 45
8x10	"	"	1 75
9x12	"	"	2 25
1 x14	"	"	2 75
10x17	"	"	3 25

Sold in packages of 1 dozen of a size only.

No. 119.

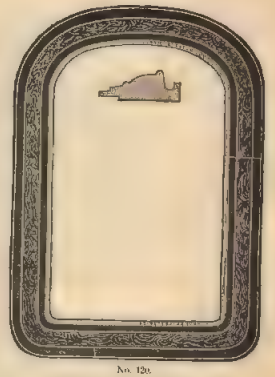
STEEL FINISH.

Made of 2 inch molding. It is very showy, durable, and is put up in cases of 1 dozen as follows:

4 10x14, 4 10x17, 4 12x20, thus making something you can get cheap and make money on.

7x 9	per doz.,	boxed, net,	$4 50

Fitted with American mirror plates.



No. 120.

ARCH TOP FRAME.

Imitation walnut veneer, fitted with American mirror plates.

7x 9	per doz.,	net,	$1 95
8x10	"	"	2 25
9x12	"	"	2 60
10x14	"	"	3 15
10x17	"	"	4 00
12x18	"	"	4 50
12x20	"	"	5 00
13x22	"	"	5 75
14x24	"	"	6 75
15x26	"	"	8 25

Sold only in boxes of ½ dozen of a size.

No. 3.

WITH METAL CORNERS.

No. 1120. ARCH TOP FRAME.

Same as No. 120. Fitted with German plate.

7x 9	per doz.,	net,	$4 00	12x18	per doz.,	net,	$14 25
8x10	"	"	4 75	12x20	"	"	17 25
9x12	"	"	6 75	13x22	"	"	19 25
10x14	"	"	8 25	14x24	"	"	23 00
10x17	"	"	9 50				

Sold only in boxes of ½ dozen of a size.

No. 3. WITHOUT CORNERS.

French plate glass.

10x14	per doz.,	$	9 50	16x28	per doz.,	$	36 00
10x17	"		11 50	17x30	"		40 00
13x18	"		18 00	18x32	"		46 00
13x22	"		21 00	18x36	"		53 00
14x24	"		24 00	18x40	"		66 00
15x26	"		31 25				

9x12 and 10x14 have 2 inch frame. 10x17 to 14x24 have 2½ inch frame. 14x24 to 18x40 have 3 inch frame.

9x12 to 14x24 sold only in cases of ½ dozen of a size.

No. 3. WITH METAL CORNERS.

$12 00 per dozen more than same size without.

These Frames are all solid oak, rubbed and polished, finished antique, and will please.

Furnished with cast brass corners as shown in cut, $12 00 per dozen frames extra. We always send these Mirrors without corner pieces unless otherwise ordered.

No. 148. MIRROR.

Made of solid oak, well finished and nicely shaded.

The 9x12 and 10x14 are 2 inches wide; the 10½x17, 12x20 and 13x22, 2½ inches wide, the other sizes 3 inches wide. Fitted with German mirror plates.

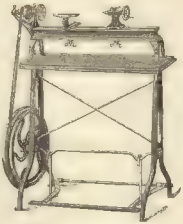
9x12	per doz.,	$ 7 50	13x22	per doz.,	$19 00	17x30	per doz., $37 50
10x14	"	9 00	14x24	"	22 50	18x32	" 42 50
10x17	"	10 50	15x28	"	28 00	18x36	" 50 00
12x20	"	16 50	16x28	"	32 00	18x40	" 54 00

9x12 and 10x14 have 2 inch frame, 10x17 to 14x24 have 2½ inch frame, 14x24 to 18x40 have 3 inch frame.

9x12 to 14x24 sold only in cases of ½ dozen of a size.

LATHES.

Fig No D1718



Quackenbush, Foot.

	EACH.
No. 1—Quackenbush, **for Amateurs,** 2 Speed Cones, 6 in. Swing, 30 in. between Centers; Weight, 115 lbs.,	$22.00

Fig No. D1717

	EACH.
No. 100—For Amateurs, 3 Speed Cones, 6 in. Swing, 20 in. between Centers; Weight, 23 lbs.,	$11.00

Fig No D1719

Barnes', Bench.

	EACH
No. 59—Barnes', Bench, for Wood Turning, **without Foot Power;** Weight, 75 lbs.,	$20.00

Furnished with 3 Centers, (1 a Spur), 2 Tool Rests and Sockets, and 1 Turned Face Plate.

No. 59 Lathe is designed for Wood Turning, will take in stuff 12 inches in diameter and 3 feet long. Speed can be varied from 1,000 to 2,000 revolutions per minute. The Lathe is made entirely of Iron and Steel, except the Bed, which is Wood. Centers are accurately fitted to Taper Holes; no Wrench is required to adjust the Tail Stocks or Tool Rests and Sockets, Hand Wheels being used instead.

LATHES.

Fig No D1719

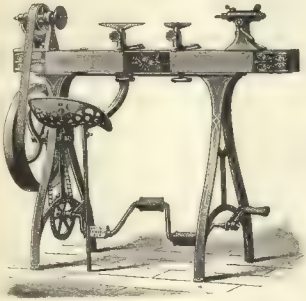
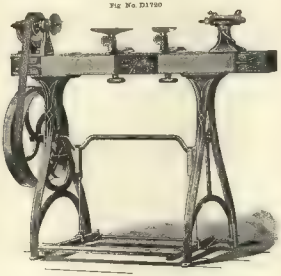


Fig No. D1720



Barnes', with Velocipede Foot Power.

EACH

No. 55—Barnes', Velocipede, Weight, 230 lbs., . $35.00

Boxed ready for shipment, Weight 320 lbs., including 3 Centers (1 a Spur), 2 Tool Rests and Sockets, and 1 Turned Face Plate.

No. 55 Lathe is designed for Wood Turning; will take in stuff 12 inches in diameter and 3 feet long; Speed can be varied from 1,000 to 2,000 revolutions per minute; Seat can be moved readily along to any part of the Bed that the work requires; the Lathe is made entirely of Iron and Steel, except the Bed, which is Wood; Centers are accurately fitted to Taper Holes; no Wrench is required to adjust the Tail Stocks or Tool Rests and Sockets, Hand Wheels being used instead.

Barnes', with Treadle Foot Power.

EACH

No. 57—Barnes', with Foot Treadle, including 3 Centers, 2 Tool Rests and Socket, Weight, 230 lbs., $35.00

Boxed ready for shipment, Weight, 320 lbs.

No. 57 Lathe is designed for Wood Turning; it will take in stuff 12 inches in diameter and 3 feet long; the Speed can be varied from 1,000 to 2,000 revolutions per minute, the Lathe is made entirely of Iron and Steel, except the Bed, which is of Wood; the Spindle is of Steel, fitted up in the best manner; all the Bearings are of Steel, making them strong, durable and light running; the Centers are accurately fitted to Taper Holes; no Wrench is required to adjust the Tail Stock or Tool Rests and Sockets, Hand Wheels being used instead

When it is possible to do so, Chucks should be Fitted to Lathes before being Shipped.

LATHES.

Fig No D1721

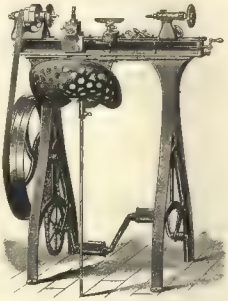
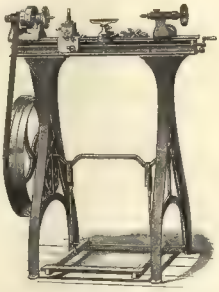


Fig No D1722



Barnes', with Velocipede Foot Power.

EACH

No. 93 - Velocipede, including 1 Turned Face Plate, 2 Pointed and 1 Spur Centers, 2 Rests with Socket and Plate for Hand Tools, Slide Rest, Wrench and Belting, Weight, 210 lbs., $40.00

Boxed, Ready for Shipment, Weight, 265 lbs.

No. 93 Lathe is designed for turning both Wood and Iron, and for boring, drilling, polishing, etc. It is not an amateur tool, but is strictly mechanical in every respect. It will take in work 7 inches in diameter and 20 in. long. The speed can be varied from 1,000 to 2,000 revolutions per minute, and the motion can be started, stopped, or reversed instantly, at the will of the operator. The Lathe is made entirely of Iron and Steel. The bed is solid, and has V-shaped projections, over which the head and tail stocks and hand and slide rests are fitted. The leading screw for the tool carriage is operated by hand; by it the tool carriage can be traveled 20 in., the entire distance between the centers. The carriage can be engaged or disengaged instantly from the leading screw.

The upper or cross slide ways on which the tool post moves can be set at any desired angle, and tapers can be turned and taper holes bored to the extent of its travel on these ways. The arrangement of the tool post and carriage is such that balls can be turned. The tail stock can be moved and set at any point desired, by the simple turning of a hand wheel; or it can be taken off entirely, thus leaving the bed free for face-plate or chuck work. The head stock spindle has taper bearings, and can be adjusted with as much delicacy as a jeweler's lathe; that of the tail stock is moved by a screw and hand wheel. The head and tail stock spindles are made of steel, and have truly fitted taper centers, and that of the tail stock is self-discharging.

Barnes', with Treadle Foot Power.

EACH

No. 95—Treadle, including 1 Turned Face Plate, 2 Pointed and 1 Spur Centers, 2 Rests, with Sockets and Plate for Hand Tools, Slide Rest or Tool Carriage as described, and Wrench and necessary Belting, Weight, 180 lbs., . $40.00

Boxed, Ready for Shipment, Weight, 235 lbs.

The leading screw for the tool carriage is operated by hand; by it the tool carriage can be traveled 20 inches, the entire distance between the centers. The carriage can be engaged or disengaged instantly from the leading screw. The upper or cross slide ways on which the tool post moves can be set at any desired angle, and tapers can be turned and taper holes bored to the extent of its travel on these ways. The arrangement of the tool post and carriage is such that balls can be turned.

It will take in work 7 inches in diameter and 20 inches long.

The speed can be varied from 1,000 to 2,000 revolutions per minute.

The tail stock can be moved and set at any point desired, by the simple turning of a hand-wheel, or it can be taken off entirely, thus leaving the bed free for face plate or chuck work. The head stock spindle has taper bearings, and can be adjusted with as much delicacy as a jeweler's lathe; that of the tail stock is moved by a screw and hand wheel. The head and tail stock spindles are made of steel, and have truly fitted taper centers, and that of the tail stock is self-discharging.

When it is possible to do so, Chucks should be Fitted to Lathes before being Shipped.

LATHES.

Fig. No. D1723

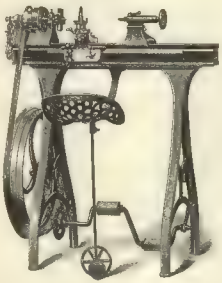
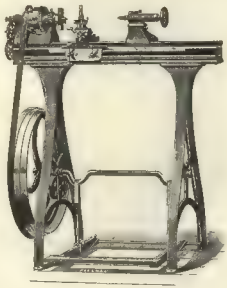


Fig. No. D1724



Barnes', with Velocipede Foot Power.

	EACH
No. 97 **Velocipede,** 25 in. between Centers, Weight, 270 lbs., (Boxed for Shipment, Weight, 340 lbs.,)	$70.00
No. 99 —With **Countershaft, without Foot Power,**	70.00
No. 101—Velocipede, Foot Power and **Countershaft,**	85.00
No. 111—Hand Rest for above,	2 50

Is a back-geared screw-cutting Lathe. It feeds right or left, and cuts screws right or left without change of gearing. The carriage is adjustable for taper boring or ball turning. It is thoroughly gibbed for taking up wear.

The tail stock has side movement to adjust centers for turning tapers. The head stock has hollow spindle for rods up to ⅜ in. All the gearing is cut from solid metal. All parts are made of steel where this would best serve the purpose.

It will cut all ordinary threads from 5 to 48, and miscellaneous threads up to 154. It swings 9 in. on face plate and 4¾ in. over tool carriage.

The small pulley on cone is 2½ in., the large pulley 4½ in. It has three speeds, and is suitably arranged for heavy or light work in turning or polishing.

Barnes', with Treadle Foot Power.

	EACH.
No. 103—Treadle, 25 in. between Centers, Weight, 270 lbs., (Boxed for Shipment, Weight, 340 lbs.,)	$70 00
No. 105—Treadle, Foot Power and **Countershaft,**	85 00
No. 111 Hand Rest for above, . . .	2 50

Is a back-geared screw-cutting Lathe. It feeds right or left, and cuts screws right or left without change of gearing. The carriage is adjustable for taper boring or ball turning. It is thoroughly gibbed for taking up wear.

The tail stock has side movement to adjust centers for turning tapers. The head stock has hollow spindle for rods up to ⅜ in. All the gearing is cut from solid metal. All parts are made of steel where this would best serve the purpose.

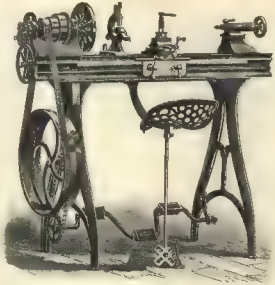
It will cut all ordinary threads from 5 to 48, and miscellaneous threads up to 154. It swings 9 in. on face plate, and 4¾ in. over tool carriage.

The small pulley on cone is 2½ in., the large pulley 4½ in. It has three speeds, and is suitably arranged for heavy or light work in turning or polishing.

When it is possible to do so, Chucks should be Fitted to Lathes before being Shipped.

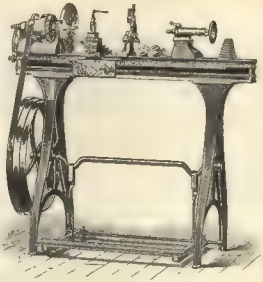
LATHES.

Fig No D1725



Barnes', with Velocipede Foot Power.

Fig No D1726



Barnes', with Treadle Foot Power.

EACH.

No. 113—Velocipede, 34 in. between Centers, Weight, 385 lbs. (Boxed for Shipment, Weight, 430 lbs.), ... $100.00

No. 115—Velocipede, 40 in. between Centers, Weight, 420 lbs. (Boxed for Shipment, Weight, 515 lbs.), ... 105.00

EXTRA.

No. 129—Fixtures to raise the Head and Tail Stocks, and Tool to bore out and swing 17 inches in diameter, ... $10 00

No. 131—Two Rests, with Sockets, for Hand Turning, ... 3.00

No. 133 Countershaft, only for above, ... 15.00

The Lathe swings 11 inches on the face plate, and 6 3/8 inches over the tool carriage. With its back-gearing and cone pulleys the Lathe has a great range of speed.

The head stock has a steel spindle with 15/32 inch hole through its entire length. The tail stock can be readily set at any desired point, or taken altogether from the lathe bed, thus leaving it free for face plate or chuck work. It can also be set over for turning tapers. The spindles of both head and tail stocks are of steel, with positively true taper holes for the reception of the centers, and the tail stock center is self-discharging. The tool can be set to work at any position or angle desired; also to bore a taper hole or turn a ball, features not ordinarily in the movements of tool carriages. All the works are securely protected from chips and dirt, thus insuring long wear and durability to the most costly and vital parts of the lathe. The gearing furnished can be combined to make different leads of thread from 4 to 40, besides many others not mentioned on the index plate. As a right or left screw-cutting lathe it is simply perfect. All the gearing is cut from solid metal in the best machinery known for gear cutting, and is as true and noiseless as it is possible for metal gearings to be.

BED—EXTRA LENGTH. The Nos. 113 and 115 Velocipede Lathes with their present dimensions, are in true proportion. Gunsmiths and others often require a greater length of bed, and do not care for proportionate strength in other parts. For such we can furnish a bed that will admit of 40 inches between centers.

EACH

No. 117—Treadle, 34 in. between Centers, Weight, 350 lbs. (Boxed for Shipment, Weight, 445 lbs.), $100.00

No. 119—Treadle, 40 in. between Centers, Weight, 380 lbs. (Boxed for Shipment, Weight, 475 lbs.), 105 00

EXTRA.

No. 129—Fixtures to raise the Head and Tail Stocks, and Tool Post to bore out and swing 17 inches in diameter, ... $10.00

No. 131—Two Rests, with Sockets for Hand Turning, ... 3.00

No. 133—Countershaft, only for above, ... 15.00

The Lathe swings 11 in. on the face plate, and 6 3/8 in. over the tool carriage. With its back-gearing and cone pulleys the Lathe has a great range of speed. The head stock has a steel spindle with 15/32 in. hole through. The tail stock can be readily set at any desired point, or taken altogether from the lathe bed, thus leaving it free for face plate or chuck work. It can also be set over for turning tapers. The spindles of both head and tail stocks are of steel, with positively true taper holes for the reception of the centers, and the tail stock center is self-discharging. The tool can be set to the work at any position or angle desired; also to bore a taper hole or turn a ball, features not ordinarily in the movements of tool carriages. All the works are securely protected from chips and dirt, thus insuring long wear and durability to the most costly and vital parts of the lathe. The gearing furnished can be combined to make different leads of thread from 4 to 40, besides many others not mentioned on the index plate. As a right or left screw-cutting lathe it is simply perfect. All the gearing is cut from solid metal in the best machinery known for gear cutting, and is as true and noiseless as it is possible for metal gearing to be.

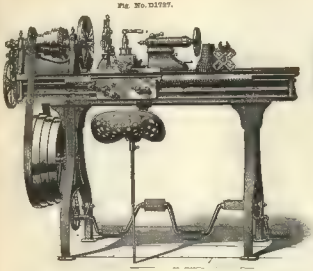
BED—EXTRA LENGTH. The Nos. 117 and 119 Lathes, with their present dimensions, are in true proportion. Gunsmiths and others often require a greater length of bed, and do not care for proportionate strength in other parts. For such we can furnish a bed that will admit of 40 inches between centers.

When it is possible to do so, Chucks should be Fitted to Lathes before being Shipped.

SIMMONS HARDWARE COMPANY

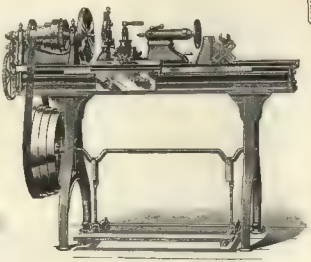
LATHES.

Fig. No. D1727.



Barnes', Nos. 135 to 141, with Velocipede Foot Power.

Fig. No. D1728.



Barnes', Nos. 143 to 149, with Treadle Foot Power.

Barnes', with Velocipede Foot Power.

Nos.	Length of Bed.	Distance between Centers.	Swing on Face Plate.	Swing over Carriage.	Hollow through Spindle	Weight of Lathe.	Weight Boxed.	EACH.
135	**5 ft.**	33 in.	13 in.	8 in.	17/32 in.	640 lbs.	775 lbs	$135.00
137	**6 ft.**	45 in	13 in.	8 in.	17/32 in.	690 lbs.	830 lbs	150.00
139	**7 ft.**	57 in.	13 in.	8 in.	17/32 in.	740 lbs.	890 lbs.	165.00
141	**8 ft.**	69 in.	13 in.	8 in.	17/32 in.	790 lbs.	950 lbs.	180.00

	EXTRA.
No. 195 Countershaft only, for above Lathes,	$20 00
No. 163—Two Rests, with Sockets, for Hand Turning,	3 50

Barnes', with Treadle Foot Power.

Nos	Length of Bed	Distance between Centers.	Swing on Face Plate.	Swing over Tool Carriage	Hollow through Spindle	Weight of Lathe	Weight Boxed	EACH.
143	**5 ft.**	33 in	13 in	8 in	17/32 in.	640 lbs	775 lbs	$135.00
145	**6 ft.**	45 in.	13 in.	8 in.	17/32 in.	690 lbs.	830 lbs.	150.00
147	**7 ft.**	57 in.	13 in.	8 in.	17/32 in.	740 lbs.	890 lbs.	165.00
149	**8 ft.**	69 in.	13 in.	8 in.	17/32 in.	790 lbs.	950 lbs.	180.00

	EXTRA.
No. 195—Countershaft only, for above Lathes,	$20.00
No. 163 -Two Rests, with Sockets, for Hand Turning,	3.50

Nos. 135 to 149 Lathes are designed to do as large work as it is practical to do by foot power. They are strong, substantial Lathes for a job or manufacturing shop where the demand on a Lathe is from the smallest to the largest work.

They have our patent twin screw feed and screw cutting combination, which makes change of feed in the tool carriage instead of in the head stock. This greatly simplifies and reduces the number of parts commonly used for these purposes.

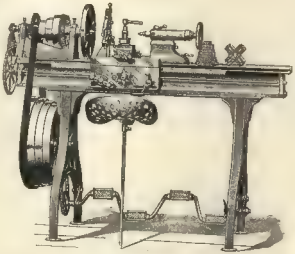
The tail stock has side movement to adjust centers for turning tapers. The head stock has hollow spindle for rods up to ¾ inch All the gearing is cut from solid metal All parts are made of steel, where this would best serve the purpose They will cut all ordinary threads from 4 to 40, and miscellaneous threads up to 154.

When it is possible to do so, Chucks should be Fitted to the Lathes before being Shipped.

SIMMONS HARDWARE COMPANY

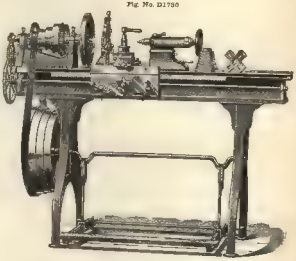
LATHES.

Fig No D1729



Barnes', Nos. 165 to 167, with Velocipede Foot Power.

Fig. No. D1730



Barnes', Nos. 173 to 179, with Treadle Foot Power.

Barnes', with Velocipede Foot Power.

Nos.	Length of Bed.	Distance between Centers.	Swing on Face Plate.	Swing over Tool Carriage.	Hollow through Spindle.	Weight of Lathe.	Weight Boxed.	EACH.
165	**5 ft.**	33 in.	13 in.	8 in.	[illegible] in.	640 lbs.	775 lbs.	$150 00
167	**6 ft.**	45 in.	13 in.	8 in	17/32 in.	690 lbs.	830 lbs.	165 00
169	**7 ft.**	57 in.	13 in.	8 in.	17/32 in.	740 lbs.	890 lbs.	180 00
171	**8 ft.**	69 in.	13 in.	8 in.	17/32 in.	790 lbs.	950 lbs.	195.00

	EXTRA.
No. 195—Countershaft only, for above Lathes,	$20 00
No. 193—Fixtures to raise the Head and Tail Stocks and Tool Posts to bore out and swing 18 inches in diameter,	15.00
No. 163—Two Hand Rests, with Socket, for Hand Turning,	3.50

Barnes', with Treadle Foot Power.

Nos.	Length of Bed.	Distance between Centers.	Swing on Face Plate.	Swing over Carriage.	Hollow through Spindle.	Weight of Lathe.	Weight Boxed.	EACH
173	**5 ft.**	33 in.	13 in	8 in.	17/32 in.	640 lbs.	775 lbs.	$150.00
175	**6 ft.**	45 in.	13 in.	8 in.	17/32 in.	690 lbs.	830 lbs.	165 00
177	**7 ft.**	57 in.	13 in.	8 in.	17/32 in.	740 lbs.	890 lbs.	180.00*
179	**8 ft.**	69 in.	13 in.	8 in.	17/32 in.	790 lbs.	950 lbs	195.00

	EXTRA.
No. 195—Countershaft only, for above Lathes,	$20.00
No. 193—Fixtures to raise the Head and Tail Stocks and Tool Posts to bore out and swing 18 inches in diameter,	15.00
No. 163—Two Hand Rests, with Socket, for Hand Turning,	3.50

When it is possible to do so, Chucks should be Fitted to all Lathes before they are Shipped.

POLISHING LATHE HEADS.

Fig. No. D1781

Polishing Lathe Heads.

		EACH.
No. 2	Stands 6 in. High, and has Spindle 9 in. Long, one end of which is a Taper Screw; the other end has Clamps for holding Grinding Wheels, and is arranged for Drilling,	$2.50

SLIDE RESTS FOR LATHES.

Fig. No. D1782

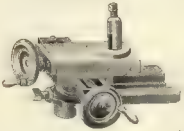


Fig. No. D1783.

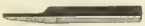
Slide Rests for Lathes.

Eureka.

		EACH.
No. 1	**Eureka,** 6 in. Swing, 3 in. Traverse, Suitable for any Lathe,	$9.00
No. 3	8 in. Swing, 4 in. Traverse, Suitable for any Lathe,	$12 00

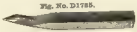
SLIDE REST TOOLS.

Fig. No. D1784.



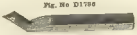
No. 1.
Cut off Tool.

Fig. No. D1785.



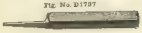
No. 2.
Right Hand Diamond Point.

Fig. No. D1786



No. 3.
Left Hand Diamond Point.

Fig. No. D1787



No. 4.
Right Hand Side Tool.

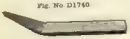
Fig. No. D1788

No. 5.
Left Hand Side Tool.

Fig. No. D1789

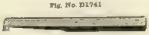
No. 6.
Thread Tool.

Fig. No. D1740



No. 7.
Bent Thread Tool.

Fig. No. D1741



No. 8.
Inside or Boring Tool.

Fig. No. D1742

No. 9.
Bent Right Hand Side Tool.

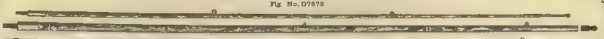
		EACH
	Slide Rest Tools, $\frac{1}{4}$ x $\frac{1}{2}$ in., for Barnes' Lathes, Nos. 93 and 95 (Page 309),	$0 30
	Slide Rest Tools, $\frac{5}{16}$ x $\frac{5}{8}$ in., for Barnes' Lathes, Nos. 97 to 119 inclusive (Pages 310 and 311),	.30
	Slide Rest Tools, $\frac{3}{8}$ x $\frac{3}{4}$ in., for Barnes' Lathes, Nos. 125 to 179 inclusive (Pages 312 and 313),	40

All the Numbers illustrated are made in all the Three Sizes.

The Numbers Indicate the Shape. In Ordering, always Specify both Numbers and Size.

BAMBOO JOINTED FISHING RODS.

Fig. No. D7678



PER DOZEN.

No. 7033—3 Pieced, Calcutta, Rings, Reel Bands, Capped Butt, Double Ferrules, Length **8½ to 10 feet,** . . . $10.00

No. 7034—3 " " " " " " Well Made, Length **10½ to 12 ft.,** 12.50

No. 7035 3 " " " " " " Filed Joints, Steamed and Straightened, Heavy, Extra Well Made, Length **14 to 16 feet,** 18.00

No. 3134—4 Pieced, Calcutta, Rings, Reel Bands, Capped Butt, Double Ferrules, Length **12 to 15 feet,** . 17.00

No. 3135—4 " " " " " " Filed Joints, Steamed and Straightened, Extra Well Made, Heavy, Length **14 to 18 feet,** 24.00

No. 4134 4 Pieced, Calcutta, Extra Tip, Rings, Reel Bands, Capped Butt, Double Ferrules, Length **17 to 18 feet,** 21.60

One in a Paper Bag.

Fig. No. D7679

PER DOZEN.

No. 7234—4 Pieced, Calcutta, Heavy, Two Handed, General, Extra Lancewood Tip, Cane Wound Handle Grasp above and below, Solid Reel Seat, Nickel Mounted, Ring Guides, Well Balanced, Length **16 feet,** . $40.00

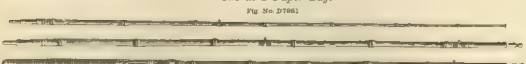
Fig. No. D7850.

PER DOZEN.

No. 500 2 Pieced, Japanese, Casting, Enameled Black Grip, Improved Shoulder Ferrules, Covered Dowels, Full Nickel Mounted, Solid Reel Seat, Silk Wound Wire Tie Guides, Length **10 feet,** $14.40

One in a Paper Bag.

Fig. No. D7861



PER DOZEN.

No. 510—3 Pieced, Japanese, Casting, Enameled Black Grip, Improved Shoulder Ferrules, Covered Dowels, Full Nickel Mounted, Solid Reel Seat, Silk Wound Wire Tie Guides, Length **10 feet,** $16.80

One in a Paper Bag.

Fig. No. D7882

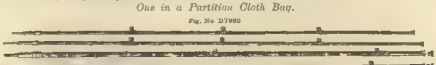
PER DOZEN.

No. 8134 3 Pieced, Calcutta, Newport Bass, Full Nickel Mounted, Improved Shoulder Ferrules, Solid Reel Seat, Silk Wound Tie Guides, Silk Wound every 2 inches, Celluloid Wound Grip, 1 Extra Lancewood Tip, Length **10½ feet,** $36.00

No. 7134—Same as No. 8134, except cheaper made throughout, ... 24.00

One in a Partition Cloth Bag.

Fig. No. D7889



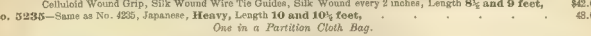
PER DOZEN.

No. 4235 Forest and Stream, **3 Pieced, Japanese,** Extra Lancewood Tip, Full Nickel Mounted, Solid Reel Seat, Celluloid Wound Grip, Silk Wound Wire Tie Guides, Silk Wound every 2 inches, Length **8½ and 9 feet,** $42.00

No. 5235—Same as No. 4235, Japanese, **Heavy,** Length **10 and 10½ feet,** 48.00

One in a Partition Cloth Bag.

Fig. No. D7884



Cooney Bass Rods.

PER DOZEN

No. 300—1 Joint, Japanese, **6 feet Long,** Short Butt, Improved Shoulder Ferrules, Capped Dowels, Full Nickel Mounted, Solid Reel Seat, Extra Large Standing Guides, Silk Wound, Celluloid Wound Butt, Length **7½ feet,** $30.00

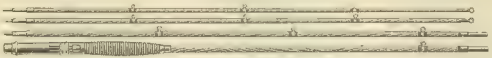
No. 400—Same as No. 300, with **Extra 6 foot** Joint, ... 45.00

One in a Partition Cloth Bag.

WOOD JOINTED FISHING RODS.

Fly Rods.

Fig No D7873



PER DOZEN.

No. 7F—3 Pieced, Lancewood, Nickel Mounted, Solid Reel Seat, Capped Dowels, **Scored Wood Grip,** Silk Wound, Silk Wound Ring Guides, Extra Tip, Length **10 to 10½ feet,** $27.00

One in a Grooved Wood Form, Cloth Bag.

No. 305 3 Pieced, Ash, Dark Stained and Polished, Nickel Mounted Reel Bands, Capped Butt, Covered Dowels, Ring Guides, Length **9½ to 10 feet,** 15.00

One in a Paper Bag.

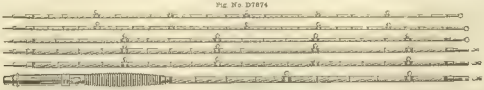
Fig No D7872

PER DOZEN.

No. 167½ 3 Pieced, Extra Fine Quality, Lancewood, Nickel Mounted, **White Zylonite Grip,** Black Silk Wound between Rings, Silk Wound at close intervals, Polished Cedar Reel Seat Nickel Plated Bands and Cap, Covered Dowels, Welt Ferrules, **Extra Lancewood Tip,** Finely Balanced, Very Light Weight, Length **8½ feet,** $72.00

One in a Flannel Covered Grooved Wood Form, Cloth Bag.

Fig No D7874



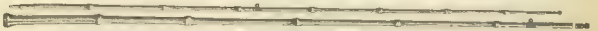
PER DOZEN

No. 3934—Northwestern Special, 3 Piece, First Quality Lancewood, Nickel Mounted, Solid Reel Seat, Welt Ferrules, Covered Dowels, Extra Silk Wound, 1 Extra Joint and 2 Extra Tips, Reel Seat below Hand, Metal Plugs, Capped Dowels, Black and White Celluloid Wound Grip, **Length 8½ to 10½ feet,** . $78.00

One in a Flannel Covered Grooved Wood Form, Cloth Bag.

BAMBOO JOINTED FISHING RODS.

Fig No D7875



PER DOZEN.

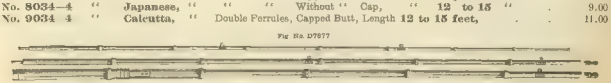
No. 1034 2 Pieced, Calcutta, Double Ferrules, Length **8 feet,** . . . $2.50
No. 0034—2 Pieced, Japanese, Rings, Double Ferrules, Length **8 feet,** . . . 3.20

Fig No. D7876

PER DOZEN.

No. 2034—3 Pieced, Japanese, Plain, Double Ferrules, Length **10½ to 12 feet,** . . $ 5.50
No. 2035—3 " " " " " Capped Butt, Heavy, Length **12 to 14 feet,** . 6.50
No. 3033—3 " **Calcutta,** " " " Without " Cap, " **10½ to 12** " . 5.50
No. 3034—3 " " " " " Capped " " **10½ to 12** " . 8.00
No. 8034—4 " **Japanese,** " " " Without " Cap, " **12 to 15** " . 9.00
No. 9034 4 " **Calcutta,** " Double Ferrules, Capped Butt, Length **12 to 15 feet,** . . 11.00

Fig No D7877



No. 6034.

Japanese, Rings, Reel Bands, Capped Butt, Double Ferrules

PER DOZEN.

No. 6034 3 Pieced, Length **10½ to 11 feet,** . . . . . $ 9.50
No. 2134—4 " " **12 to 15** " 12.50

One in a Paper Bag.

SIMMONS HARDWARE COMPANY

JOINTED FISHING RODS.

Fly Trunk Rods.

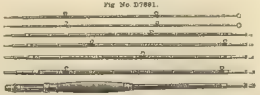
Fig. No. D7890

PER DOZEN.

No. 856—5 Pieced, 1st Quality Lancewood, Nickel Mounted, Solid Reel Seat below Hand, Rim Ferrules, Covered Dowels, Zylonite Grip, Fancy Silk Wound every 2 inches, Silk Wound Rings, Metal Plugs, 1 Extra Lancewood Tip, Length **10 feet,** $54.00

One in a Partition Cloth Bag.

Fig. No. D7891.



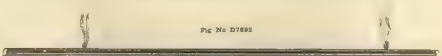
PER DOZEN.

No. 180—6 Pieced, Hand Made, Split Bamboo, Niece, Plated Mountings, Solid Reel Seat Back of Hand, 1 Extra Tip, Cork Grip, Metal Plugs, Wound with Red and Old Gold Silk, Rim Ferrules, Length **10 feet,** $180.00

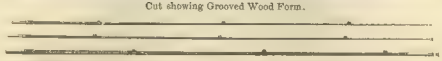
One in a Flannel Covered Grooved Wood Form and Cloth Bag.

SPLIT BAMBOO BAIT RODS.

Fig. No. D7892



Cut showing Grooved Wood Form.



The Royal Special.

PER DOZEN.

No. 25—6 Strip, Highest Quality, Hand Made, 3 Pieced, 1 Extra Tip, Full German Silver Mounted, Nicely Milled, Solid Patent Reversed Reel Seat, Water-Tight Reinforced Ferrules, Swelled Butt, Improved Funnel Guides, **Agate Tips,** Wound every inch with Red Silk, Cork Grip, Metal Plugs, Length **8 to 9½ feet,** Weight 8 to 10 ounces; a Strictly High Grade Fully Warranted Rod, . $324.00

One in a Flannel Covered Grooved Wood Form and Cloth Bag.

Fig. No. D7893.

PER DOZEN.

No. 17—Sank Norvell, Extra Fine Quality, Cedar Inlaid, 6 Strips to each Joint, 3 Pieced, 1 Extra Tip, Full German Silver Mounted, Solid Reversed Reel Seat above Hand, Welt Ferrules, Improved Funnel Guides, **Swelled Butt,** Wound in Old Gold Silk every inch, Length **8 to 9½ feet,** Weight 8 to 10 ounces, a **Strictly First-Class Fully Warranted Rod,** $168.00

No. 19C—Same as No. 17, except **Cork Grip,** Length **8 to 9½ feet,** Weight 8 to 10 ounces, ... 168.00

No. 15C—Greenwood Special, 6 Strips to each Joint, 3 Pieced, 1 Extra Tip, Full Nickel Mounted, Rim Ferrules, Solid Reel Seat above Hand, **Swelled Butt,** Cork Double Hand Grasp, Fancy Silk Wound at close intervals, Length **8 to 9½ feet,** Weight 8½ to 10 ounces, a **Finely Made Fully Warranted Rod,** . . 132.00

No. 15½C—Same as No. 15C, except Length **12 feet,** Weight 12 ounces, ... 144.00

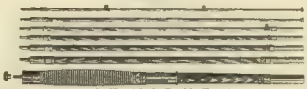
One in a Flannel Covered Grooved Wood Form and Cloth Bag.

SIMMONS HARDWARE COMPANY

JOINTED FISHING RODS.

Bait Trunk Rods.

Fig. No D7885



PER DOZEN.

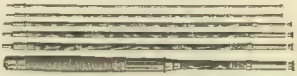
No. 19—6 Pieced, Combination, Dark Stained, Varnished, Double Ferrules, Nickel Mounted, Covered Dowels, Silk Wound Wire Tie Guides, Solid Reel Seat, Hollow Corrugated Wood Butt, Green Silk Wound, Metal Plugs, 2 Extra Lancewood Tips, Making 2 Distinct Rods, Length **12 feet,** $33.00

One in a Partition Cloth Bag.

No. 600X 5 Pieced, Ash, Dark Stained and Finished, with Extra Heavy Lancewood Tip, to fit Second Joint, Butt Cap, Reel Bands above Hand, Ring Guides, Brass Ferrules, Length **9 feet,** 8.00

One in a Paper Bag.

Fig. No D7886



PER DOZEN.

No. 9234—5 Pieced, Calcutta, Nickel Mounted, Improved Ferrules, Solid Reel Seat, Covered Dowels, Celluloid Grip, Metal Plugs, Silk Wound Wire Tie Guides, Extra Lancewood Tip, Length **9½ and 10½ feet,** . $40.00

One in a Partition Cloth Bag.

Fig. No D7887

PER DOZEN.

No. 756 5 Pieced, 1st Quality Lancewood, Nickel Mounted, Solid Reel Seat, Rim Ferrules, Covered Dowels, Zylonite Grip, Metal Plugs, Silk Wound Wire Tie Guides, Fancy Silk Wound every 2 inches, 1 Extra Lancewood Tip, Length **10 feet,** $54.00

One in a Partition Cloth Bag.

Fig. No. D7888

PER DOZEN.

No. 170—6 Pieced, Hand Made, Split Bamboo, Nickel Mounted, Rim Ferrules, Solid Reel Seat Front of Hand, 1 Extra Tip, Cork Grip, Metal Plugs Silk Wound Ring Guides, Wound with Red and Old Gold Silk, Length **9 feet,** $160.00

One in a Flannel Covered Grooved Wood Form and Cloth Bag.

Fly Trunk Rods.

Fig. No D7889

PER DOZEN.

No. 61 5 Pieced, Ash, Dark Stained and Finished, Lancewood Tip, Capped Butt, Reel Bands, Silk Wound Ring Guides, Brass Shoulder Ferrules, Length **9½ to 10 feet,** $16.00

One in a Paper Bag.

JOINTED FISHING RODS.

Fig No. D7698.

Cut showing Split Bamboo Rod put up on a wood form, grooved for each joint of Rod, which keeps them perfectly safe and straight.

Cut shows No. 1X.

Split Bamboo Fly Rods.

PER DOZEN.

No. 16C Greenwood Special, 6 Strips to each Joint, 3 Pieced, 1 Extra Tip, Full Nickel Mounted Rim Ferrules, Solid Reel Seat below Hand, **Swelled Butt, Cork Grip,** Fancy Silk Wound at close intervals, Metal Plugs, Covered Dowels, Length **8½ to 11 feet,** Weight 8 to 10 oz., Fully Warranted, ... $108 00

No. 4X—"Harry Hall", 6 Strips to each Joint, 3 Pieced, 1 Extra Tip, Full Nickel Plated Mountings, **Cork Grip,** Silk Wound Ring Guides, Metal Plugs, Covered Dowels, Heavy Silk Wound at close intervals, Length **8½ to 11 feet,** Weight 8 to 10 oz., ... 78 00

No. 6X—Western Fly, One Grade Cheaper than No. 4X, **Cane Wound Grip,** Length **8½ to 11 feet,** Weight 6 to 8 oz., ... 54.00

Flannel Covered Grooved Wood Form, One in a Cloth Bag.

PER DOZEN.

No. 1X—"Hendrickson", One Grade Cheaper than No. 6X, **Cork Grip,** Length **8½ to 11 feet,** Weight 8 to 13 oz., $36.00

No. 0X—6 Strips to each Joint, 4 Pieced, Full Nickel Plated Mountings, Solid Reel Seat, **Cork Grip,** Silk Wound Ring Guides, Metal Plugs, Watertight Ferrules, Length **9 feet,** Weight 7 oz., ... 24.00

Grooved Wood Form, One in a Cloth Bag.

PER DOZEN.

Extra Tips for Nos. 1X and 2X Rods, ... 49.60

Fig No D7699

Split Bamboo Combination Bait and Fly Rods.

PER DOZEN.

No. 570 6 Strips to each Joint, 2 Pieced Bait and 3 Pieced Fly, Nickel Mounted, Improved Reversible Reel Seat, Rim Ferrules, Improved Wire Tie Guides on Bait Rod, Extra Fancy Silk Wound at close intervals, **Cork Grip,** Metal Plugs, Length of Bait Rod, **7 feet,** Length of Fly Rod, **9½ feet.** $84.00

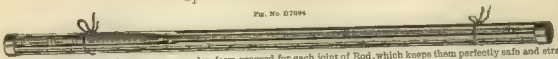
Flannel Covered Grooved Wood Form, One in a Cloth Bag.

SIMMONS HARDWARE COMPANY

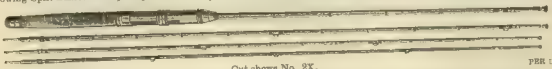
JOINTED FISHING RODS.

Split Bamboo Bait Rods.

FIG. No. D7894



Cut showing Split Bamboo Rod put up on a wooden form grooved for each joint of Rod, which keeps them perfectly safe and straight.



Cut shows No. 2X.

PER DOZEN.

No. 3X **Harry Hall,** 6 Strips to each Joint, 3 Pieced, 1 Extra Tip, Full Nickel Mounted, Sond Reel Seat, **Cork Grip,** Silk Wound Wire Tie Guides, Rim Ferrules, Metal Pugs, Covered Dowels, Heavy Silk Wound at Close Intervals, Length **8 to 9½ feet,** Weight 8½ to 10 oz., ... $78.00

No. 5X—Northwestern Bass, one Grade cheaper than No. 3X, **Cane Wound Grip,** Length **8 to 9½ feet,** Weight 8 to 9½ oz., ... 54.00

No. 2½X—One Grade cheaper than No 5X, **Cork Grip,** Length **12 feet,** Weight 12½ oz , ... 36.00

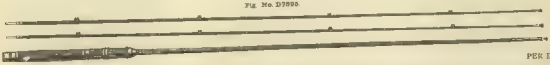
No. 2X **Hendrickson,** same as No. 2½X, except Length **8 to 9½ feet,** Weight 8 to 9½ oz , ... 36.00

No. 000X—Same as No. 2X, except Length **7½ feet,** Weight 8 oz., ... 24.00

No. 00X **6 Strips** to each Joint, 4 Pieced, Full Nickel Mounted, Solid Reel Seat above Hand, **Cork Grip,** Silk Wound Wire Tie Guides, Metal Plugs, Waterright Ferrules, Length **9 feet,** Weight 9 oz , ... 22 00

Flannel Covered Wood Form, One in a Cloth Bag.

FIG. No. D7895.



PER DOZEN.

No. 10X **6 Strips** to each Joint, 2 Pieced, 1 Extra Tip, Full German Silver Mounted, Solid Reel Seat **Polished Red Cedar Grip,** Improved Funnel Guides, Silk Wound at Close Intervals, Rim Ferrules, Metal Plugs, Length **7½ feet,** Weight 8 oz., ... $120.00

Flannel Covered Grooved Wood Form, One in a Cloth Bag.

Split Bamboo Fly Rods.

FIG. No. D7896

PER DOZEN.

No. 27 **"The Royal Special",** 6 Strips to each Joint, **Highest Quality Hand Made,** 3 Pieced, 1 Extra Tip, Full German Silver Mounted, Nicely Milled, Solid Patent Reversed Reel Seat, Waterright Reinforced Ferrules, Swelled Butt, Improved Tie Guides, **Agate** Tips, Wound every inch with Red Silk, **Cork Grip,** Metal Plugs, Length **9½ to 10½ feet,** Weight 6 to 7½ oz , a **Strictly High Grade Warranted Rod,** . $324.00

Flannel Covered Grooved Wood Form, One in a Cloth Bag.

FIG. No D7897

No. 20C.

PER DOZEN

No. 18 **Sauk Norvell,** Extra Fine Quality, Cedar Inland, 6 Strips to each Joint, 3 Pieced, 1 Extra Tip, Full German Silver Mounted, Solid Reversed Reel Seat Below Hand, Welt Ferrules, **Swelled Butt,** Wound in Old Gold Silk at Close Intervals, Length **8½ to 11 feet,** Weight 8 to 10 oz., a **Strictly High Grade Warranted Rod,** $168 00

No. 20C—Same as No. 18, except **Cork Grip;** Length **8½ to 11 feet,** Weight 8 to 10 oz., ... 168.00

Flannel Covered Grooved Wood Form, One in a Cloth Bag.

NET STAFFS.

Fig. No. D7904.

Bamboo Net Staffs.

PER DOZEN.

No. 50—2 Joints, **Length** of Staff **6 feet,** Galvanized Iron Bow, 12 in. Diameter, to Drive, . . . $7.00

No. 51R Galvanized **Iron Bow only,** Diameter 12 in., to Drive, ... 1.80

One in a Paper Bag.

Fig. No. D7907.

Harrimac.

Patent Steel Net Ring and Staff.

PER DOZEN.

No. 500—2 Joints, Nickel Mounted, **Length** of Staff **4 feet,** Size of Ring 12x15 in., . . . $27.00

One in a Partition Cloth Bag.

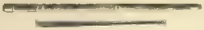
Fig. No. D7902.

PER DOZEN.

No. 1—Wood Bow, 12 in., with Handle, to Screw Off, $10.80

Packed Loose.

Fig. No. D7903



Cut shows the I. D. L. Folded.

Fig. No. D7906.

Triplex Net Ring and Staff.

PER DOZEN

No. 505 Brass, Nickel Plated· **Length** of Jointed Staff **4 feet,** $21.00

The Net can be put on Ring without Sewing.

One in a Partition Cloth Bag.

Fig. No. D7909.

Cut shows the I. D. L. Ready for Net.

The I. D. L. Net Staff and Ring.

PER DOZEN.

No. 510—Diameter of Ring 12 in., **Length** of Staff **30 in.,** $15 00

No. 520—Diameter of Ring 10 in., **Length** of Staff **12 in.,** Hook in End of Staff to Attach to Belt, 12.00

One in a Partition Cloth Bag.

Staffs and Rings are Sold without Nets. For Nets suitable to these Staffs, see Page 1642.

FISHING POLES.

Fig. No. D7910

Japanese Bamboo, Light Yellow Color.

PER 100

No. J12 -**Length 12 feet,** 100 in a Bundle, ... $

No. J14— " **14** " 100 " "

No. J16— " **16** " 100 " "

No. J18— " **18** " 50 " "

No. J20— " **20** " 50 " "

Calcutta Bamboo, Dark Mottled Color.

PER 100

No. C18 -**Length 18 feet,** 50 in a Bundle, ... $

Mississippi Cane, Green.

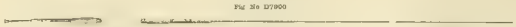
PER 100.

No. M—Length 16 to 20 feet, 50 in a Bundle, ... $

JOINTED STEEL FISHING RODS.

Bait Rods.

Fig. No. D7900



Telescope.

Full Nickel Mounted, Solid Reel Seat **above the Hand,** Celluloid Grip, Line Runs through the Center of the Rod.

	PER DOZEN.
No. 1/8—Length 9 feet 6 in., Weight 12½ oz.,	$90.00
No. 2/8— " **10** " Weight 10 oz.,	90.00
No. 10 — " **8⅜** " " 10½ "	90.00

Fig. No. D7901

Do not Telescope, Full Nickel Mounted, Solid Reel Seat above the Hand, Standing Guides on Outside, Three Ring Tip.

	PER DOZEN
No. 4 —Length 10 feet, Weight 10¼ oz., Reversible Cork Grip,	$141.00
No. 11 —The Henshall, Length 8⅓ feet, Weight 10 oz., Celluloid Grip,	114.00
No. 11C - " " " **8⅓** " " 10 " Cork "	123.00
No. 12 — " " " **8⅓** " " 10 " " " Entire Rod Nickel Plated, Agate Guides and Joint Agate Tip,	168.00
No. 13 —The St. Lawrence, Length 7⅓ feet, Weight 9½ oz., Celluloid Grip,	114.00
No. 13C — " " " **7⅓** " " 9⅛ " Cork "	123.00
No. 15 —The Expert Casting Rod, " **6⅓** " " 9 " Celluloid "	114.00
No. 15/8 — " " " " " **6⅓** " " 8 " Cork "	123.00

Fly Rods.

Fig. No. D7902

Telescope.

Full Nickel Mounted, Solid Reel Seat **below the Hand,** Cork Grip, Line Runs through the Center of the Rod.

	PER DOZEN.
No. 5—Length 9⅓ feet, Weight 11⅛ oz.,	$90.00
No. 6— " **10** " " 10 "	99.00

Fig. No. D7903

Do not Telescope, Solid Reel Seat Below Hand, Standing Guides on the Outside, Cork Grip

	PER DOZEN
No. 8 - Length 10 feet, Full Nickel Mounted, Weight 9½ oz.,	$123.00
No. 14 " **8** " **7 in.,** Full German Silver Mounted, Weight 6½ oz.,	144.00

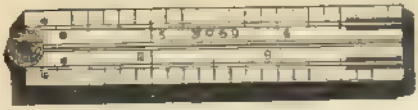
One in a Partition Cloth Bag.

Boxwood Rules.

STANLEY RULE AND LEVEL CO.'S.

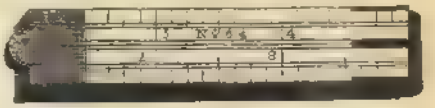
One Foot, Four Fold, Narrow.

Fig. 513.



No. 69

Fig. 514.



No. 64.

No. 69,	Round Joint, Middle Plates, 8ths and 16ths of inches, ⅝ inch wide,	- -	per dozen,	$ 3 00
65,	Square " " " " " " ⅝ "	- -	"	3 50
64,	" " Edge " " " " ⅝ "	- -	"	5 00
65½,	" " Bound, " " " ⅝ "	- -	"	11 00

One Dozen in a Box.

Fig. 515.

No. 57.

No. 55,	Arch Joint, Middle Plates, 8ths and 16ths of inches, ⅝ inch wide.	- -	per dozen,	$ 4 00
56,	" Edge " " " " ⅝ "	- -	"	6 00
57,	" Bound, " " " ⅝ "	- - -	"	12 00

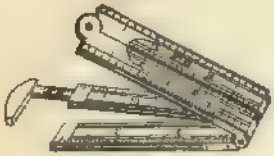
One Dozen in a Box

Two Feet, Six Fold

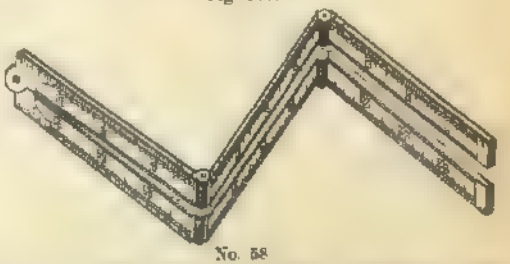
Fig. 517.

Caliper

Fig. 516



No. 32.



No. 58

No. 36,	Square Joint, Two Fold, 6-inch, 8ths, 10ths, 12ths and 16ths of inches, ⅞ inch wide,		per dozen,	$ 7 00
36½,	" " " 12 " " " " " 1⅜ "		"	12 00
32,	Arch Joint, Edge Plates, Four Fold, 12-inch, 8ths, 10ths, 12ths & 16ths of inches, 1 in. wide,		"	12 00
32½,	" Bound, " " " " " " 1 "		"	20 00
58,	" Edge Plates, 8ths, 10ths, 12ths and 16ths of inches, ⅝ inch wide,	-	"	13 00
58½,	" Bound, 8ths, 10ths, 12ths and 16ths of inches, ⅝ "	-	"	30 00

One-half Dozen in a Box.

Three Feet, Four Fold.

No. 66,	Arch Joint, Middle Plates, Four Fold, 16ths of inches outside, and Yard Stick Graduations on inside, 1 inch wide,	- - - - - -	per dozen,	$8 00
66½,	Arch Joint, Middle Plates, Four Fold, 8ths and 16ths of inches, 1 inch wide.	-	"	8 00

One-half Dozen in a Box.

Ship Carpenters' Bevels.

No. 42,	Boxwood, Double Tongue, 8ths and 16ths of inches,	-	per dozen,	$8 00
42,	" Single " " " "	- - -	"	6 00

One-half Dozen in a Box.

Boxwood Rules.

STANLEY RULE AND LEVEL CO'S.

Two Feet, Four Fold, Narrow.

Fig. 518.

No. 68.

No 68. Round Joint, Middle Plates, 8ths and 16ths of inches, 1 inch wide, per dozen, $4 00

One Dozen in a Box.

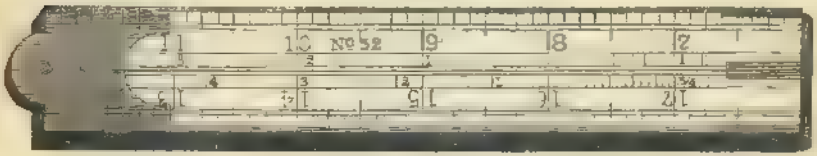
Fig 519.

No. 63.

No 61,	Square Joint,	Middle Plates,	8ths and 16ths of inches,								per dozen,	$ 5 00
61½,	"	"	"	"	"	¾	"				"	5 50
63,	"	Edge Plates,	8ths, 10ths, 12ths, 16ths of inches, Drafting Scales, 1 in. wide,								"	7 00
63½,	"	"	8ths, 10ths and 16ths				"	¾ inch wide,			"	8 00
84,	"	Half Bound,	8ths, 10ths, 12ths, 16ths of inches, Drafting Scales, 1 in wide,								"	12 00
62,	"	Bound,	"	"	"	"	"	"	1	"	"	15 00
62½,	"	"	"	"	"	"	¾ inch wide,				"	15 00

One half Dozen in a Box.

Fig. 520



No. 52.

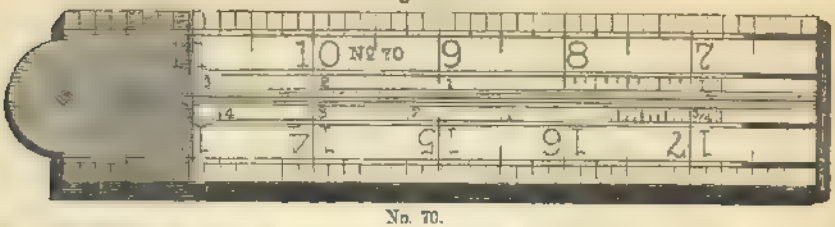
No. 51,	Arch Joint,	Middle Plates,	8ths, 10ths, 12ths, 16ths of inches, Drafting Scales, 1 inch wide, per dozen,									$ 6 00
53,	"	Edge "	"	"	"	"	"	"	1	"	"	8 00
52,	"	Half Bound,	"	"	"	"	"	"	1	"	"	13 00
54,	"	Bound,	"	"	"	"	"	"	1	"	"	16 00
59,	Double Arch Joint,	Bitted,	"	"	"	"	"	"	1	"	"	9 00
60,	" "	Bound,	"	"	"	"	"	"	1	"	"	21 00

One-half Dozen in a Box.

Boxwood Rules.

Two Feet, Four Fold, Broad.

Fig. 521.

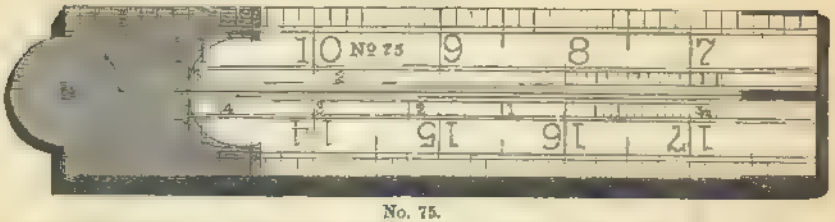


No. 70.

No. 67	Round Joint,	Middle Plates,	8ths and 16ths of inches,	1⅜ inch wide,		per dozen,	$ 5 00
70,	Square "	"	" " "	Drafting Scales,	1⅜ inch wide,	"	7 00
72,	" "	Edge Plates,	8ths, 10ths, 16ths, "	"	1⅜ "	"	9 00
72½,	" "	Bound,	" " "	"	1⅜ "	"	18 00

One-half Dozen in a Box

Fig. 522.

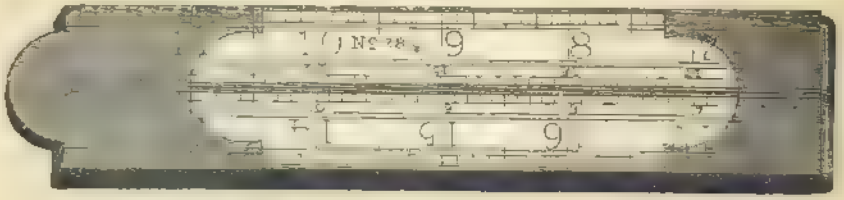


No. 75.

No. 73.	Arch Joint,	Middle Plates,	8ths, 10ths and 16ths of inches,	Drafting Scales,	1⅜ inch wide,	per dozen,	$ 9 00
75,	"	Edge "	" " " "	"	1⅜ "	"	11 00
76,	"	Bound,	" " " "	"	1⅜ "	"	20 00

One-half Dozen in a Box

Fig. 523



No. 78½

No. 77	Double Arch Joint,	Bitted,	8ths, 10ths, 16ths of inches,	Drafting Scales,	1⅜ inch wide,	per dozen,	$ 12 00
78,	" "	Half Bind,	" " "	"	1⅜ "	"	20 00
78½,	" "	Bound,	" " "	"	1⅜ "	"	24 00
83,	Arch Joint,	Edge Plates,	Slide, 8ths, 12ths and 16ths of inches, 100ths of a foot, and Octagonal Scales,	1⅜ inch wide,		"	14 00

One-half Dozen in a Box.

Board Measure, Two Feet, Four Fold.

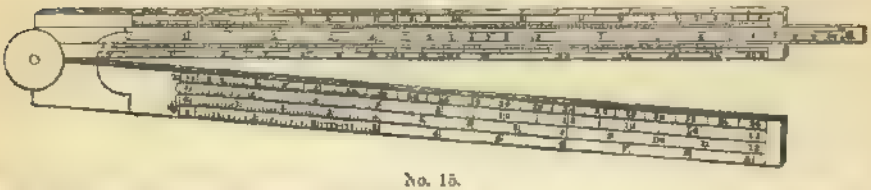
No. 79	Square Joint,	Edge Plates,	12ths and 16ths of inches,	Drafting Scales,	1⅜ inch wide,	per dozen,	$ 11 00
81,	Arch "	"	" " "	"	1⅜ "	"	13 00
82,	" "	Bound,	" " "	"	1⅜ "	"	22 00

One half Dozen in a Box

Boxwood Rules.

STANLEY RULE AND LEVEL CO'S—Two Feet, Two Fold.

Fig. 524



No. 15.

No. 39, Round Joint, 8ths and 16ths of inches, 1⅛ inch wide, - - - - per dozen, $ 3 50
18, Square " " " " 1¼ " - - - - " 5 00
4, Arch " Bitted, extra Thin, 8ths and 16ths of inches, Drafting and Octagonal Scales, 1⅛ inch wide, - - - - - - - - " 10 00
5, Arch Joint, Bound, 8ths, 10ths, 16ths of inches, Drafting and Octagonal Scales, 1⅛ in. wide. " 15 00

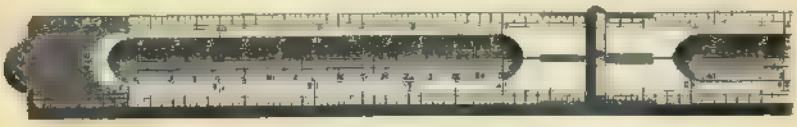
Two Feet, Two Fold, Slide.

No 27, Square Joint, Bitted, Gunter's Slide, 8ths, 10ths and 16ths of inches, 100ths of a foot, Drafting and Octagonal Scales, 1¼ inch wide. - per dozen, $12 00
15, Arch Joint, Bound, Gunter's Slide, 8ths, 10ths and 16ths of inches, Drafting and Octagonal Scales, 1⅛ inch wide, - - - - - - - " 24 00

One-half Dozen in a Box.

ARCHITECTS' RULES, WITH BEVELED EDGES.

Fig. 525



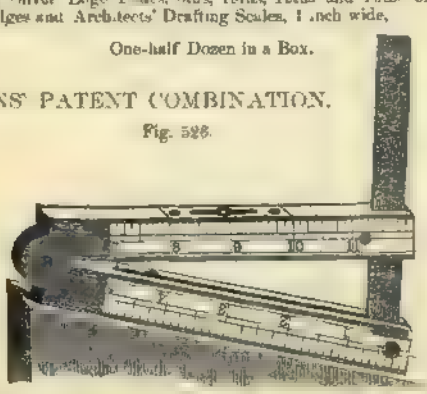
No. 53½, Boxwood. No. 86½, Ivory

No. 53½, Arch Joint, Edge Plates, 8ths, 10ths, 12ths and 16ths of inches, with inside Beveled Edges and Architects Drafting Scales, 1 inch wide, - - per dozen, $15 00
86½, Arch Joint, German Silver Edge Plates, 8ths, 10ths, 12ths and 16ths of inches, with inside Beveled Edges and Architects' Drafting Scales, 1 inch wide, - " 96 00

One-half Dozen in a Box.

STEPHENS' PATENT COMBINATION.

Fig. 526.



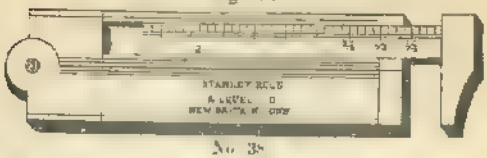
No. 36, One Foot, Two Fold, Boxwood, Square Joint, Brass Bound, Level Square, Plumb, etc., 10ths, 12ths, 16ths and 24ths of inches, and Drafting Scales, ⅜ in thick, 1⅜ in. wide, per dozen, $40 00

One only in a Box

Ivory Rules.

STANLEY RULE AND LEVEL CO.'S.

Fig. 527



No. 38

No. 38, Square Joint, German Silver, Two Fold, Caliper, 6 inches, 8ths, 10ths, 12ths and 16ths of inches, ⅝ inch wide, - - - - - - per dozen, $15 00
40, Square Joint, German Silver Bound, Four Fold, Caliper, 12 inches, 8ths and 16ths of inches, ⅝ inch wide, - - - - - - " 44 00

One Foot, Four Fold.

No. 90, Round Joint, Brass Middle Plates, 8ths and 16ths of inches, - per dozen, $10 00
92, Square " German Silver Edge Plates, 8ths and 16ths of inches, ⅝ inch wide, - " 17 00
91, " " " " " 8ths, 10ths, 12ths, 16ths of inches, ⅝ inch wide, " 23 00

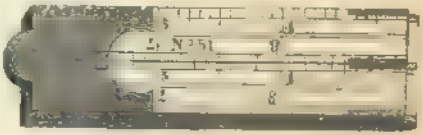
Two Feet, Four Fold.

No. 85, Square Joint, German Silver Edge Plates, 8ths, 10ths, 12ths, 16ths of inches, ⅝ in. wide, per dozen, $54 00
86, Arch " " " " " " " 100ths of a foot, Drafting Scales, 1 inch wide, - - - - " 64 00
87, Arch Joint, German Silver Bound, 8ths, 10ths, 12ths and 16ths of inches, Drafting Scales, 1 inch wide, - - - - - - " 80 00

STEVENS'.

Fig. 528. One Foot, Four Fold. Fig. 529

No. 57.

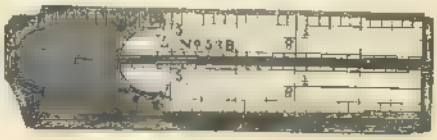


No. 51.

	Unbound	Bound
No. 57, Square Joint, German Silver Edge Plates, 8ths, 16ths of inches, ⅝ inch wide, per dozen,	$29 00	$34 00
51, Arch " " " " 8ths, 10ths, 12ths and 16ths of inches, (100ths of a foot on edges of unbound) ⅝ inch wide, - -	38 00	44 00

One Foot, Four Fold, Caliper.

Fig. 530



No. 53 B.

	Unbound	Bound
No. 53, Arch Joint, German Silver Edge Plates, 8ths, 10ths, 12ths and 16ths of inches. 100ths of a foot on edges of unbound, ⅝ inch wide, - - per dozen,	$38 00	$48 00

Two Feet, Four Fold, Narrow.

No. 50, Square Joint, German Silver Edge Plates, 8ths, 10ths, 12ths and 16ths of inches. (100ths of a foot on edges of unbound) Drafting Scales, 1 inch wide, - per dozen, $72 00 $84 50

Two Feet, Four Fold, Broad.

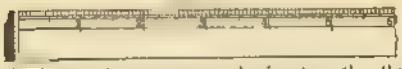
No. 47, Arch Joint, German Silver Triple Plated Edge Plates, 8ths, 10ths, 12ths and 16ths of inches, 100ths of a foot, Drafting and Octagonal Scales, 1¼ inch wide, per dozen, $100 00 $120 00

All above Rules, One-half Dozen in a Box.

Rules.

SCHOOL.

Fig. 531

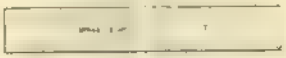


No. 23, Maple, Length 12 inches, Graduation $\frac{1}{16}$ inch on one side, $\frac{1}{8}$ inch on the other, - per dozen, $1 00
98, Boxwood, " 12 " " $\frac{1}{16}$ " " $\frac{1}{8}$ " " - - " 1 50

One Dozen in a Box

SHRINKAGE.

Fig. 532



No. 34

No. 30, Boxwood, Length 24½ inches, Graduated 8ths and 16ths, - - per dozen, $15 00
500, " " 24½ " " 8ths, 10ths, 12ths and 16ths, - " 15 00
34, Starrett's Steel, Length 12⅛ inches, Graduated 8ths, 16ths, 32ths and 64ths, or 8ths, 16ths, 12ths, 64ths, 12ths, 24ths, 48ths, 20ths, 40ths, 50ths and 100ths, - - each, $2 00
34, Starrett's Steel, Length 24½ inches, Graduated same as 12⅛ inch Rule, " 4 00
D. B. S., Steel, Length 24½ inches, Shrink on one side and Standard on the other, Graduated, 10ths, 20ths, 50ths, 100ths, 12ths, 24ths, 16ths, 32ths, 48ths, 64ths, 32ths, 64ths of inches, - - 5 00
D. B. S., Steel, Length 24½ inches, Shrink on both sides, Graduated, 10ths, 20ths, 50ths, 100ths, 12ths, 24ths, 16ths, 32ds, 48ths, 64ths, 14ths, 28ths of inches, - - - " 5 00

ENGINEERS' POCKET

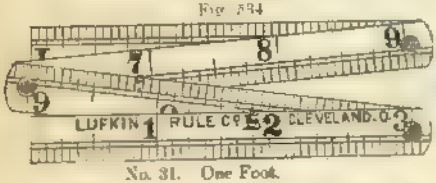
Fig. 533

No. 593-5

No. 593-4, Engineers' Pocket Length, 4 feet, Four Folds, with Springs, Div. Inches, $\frac{1}{16}$ x $\frac{1}{100}$ - each, $6 00
593-5, " " " 4 " Eight " " " " $\frac{1}{16}$ x $\frac{1}{100}$ - - " 1 00
593-6, " " " 4 " Eight " " " " $\frac{1}{10}$ x meter, " 1 00

LUFKIN RULE CO.'S STEEL FOLDING POCKET.

Fig. 534



No. 31. One Foot.

Fig. 535.

Rule in Leather Case.

All made of best Spring Steel, Etched on both sides.

										Rules in Leather Cases
No. 31,	1 foot,	½ inch wide,	No. 26,	Graduated in 1/8 units				per dozen,	$ 4 00	$ 5 50
31,	1 "	½ "	9	"				"	8 00	10 00
4,	1 "	½ "	24,	"	4 "	"			4 00	5 50
4,	2 "	½ "	24,	"	4	"			7 50	9 50
4	3 "	½ "	24,	"	4			"	11 00	13 50
4	4 "	½ "	24,	"	4 "			"	14 00	17 00
40		½ "	25,	"	6 "	"		"	7 00	10 00
40	1	½ "	25,	"	6 "	"		"	11 00	14 50
40	4	½ "	25	"	6 "	"		"	14 50	17 50

Rules.

LUFKIN RULE CO.'S STEEL FOLDING.

Fig. 536.

No. 55.

All ⅞ inch wide.

											Per Doz.
No. 70,	2	feet,	No. 21	Gauge,	6-in	Joints,	8ths in. on one side, 16ths in. on the other,			-	$14 00
75,	2	"	21	"	8	"	"	"	"	-	12 00
76,	2	"	21	"	8	"	"	"	Circumference inches on other,		17 00
77,	2	"	21	"	8	"	Board Measure, 8 to 22 feet lengths,				17 00
78,	2	"	21	"	8	"	16ths in. on one side, Board Meas., 12 to 18 ft. lengths on other,				17 00
80,	2	"	21	"	12	"	8ths in. on one side, 16ths in. on the other,			-	10 00
81,	2	"	21	"	12	"	16ths in. on one side, Circumference inches on the other,			-	15 00
82,	2	"	21	"	12	"	Board Measure, 8 to 22 feet lengths,			-	15 00
83,	2	"	21	"	12	"	16ths in. on one side, Board Meas., 12 to 18 ft. lengths on other				1 00
85,	2	"	[illegible]	"	1	Step Joint, German Silver Ends, 8ths in. on one side 16ths in. on the other					12 00
86,	2	"	21	"	1	"	"	"	16ths in. on one side, Circum. in. on other		17 00

LUFKIN RULE CO.'S STRAIGHT STEEL.

Fig. 537.

Rules have a hole in one end for hanging up at Bench

No. 60, 1 foot, ⅞ inch wide, No. 21 Gauge, 8ths inches on one side, 16ths inches on the other side, Lower Edge only, - - - - - - per dozen, $ 4 00

60, 2 feet, ⅞ inch wide, No. 21 Gauge, 8ths inches on one side, 16ths inches on the other side, Lower Edge only, - - - - - - " 8 00

62, 2 feet, 1¼ inch wide, No. 16 Gauge, 8ths inches on the lower edge, 10ths on the upper edge, both sides, - - - - 8 00

62, 2 feet, 1¼ inch wide, No. 16 Gauge, 8ths inches on the lower edge, 10ths inches on the upper edge, both sides, - - - 15 00

62, 2 feet, 1¼ inch wide, No. 16 Gauge, 8ths inches on the lower edge, 10ths inches on the upper edge, both sides, - - - 22 00

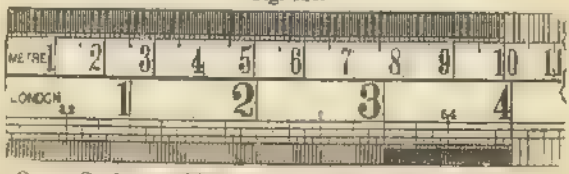
66, 1 foot, 1¼ inch wide, No. 21 Gauge, 8ths inches on the lower edge, 16ths inches on the upper edge, both sides, - - - - - - " 1 00

67, 1 foot, 1¼ inch wide, No. 21 Gauge, 10ths and 12ths inches one one side, 8ths and 16ths inches on the other side, - - - - - 1 00

CHESTERMAN'S STEEL.

London and Meter on Four Edges.

Fig. 538.



No. 414-D, ⅞x21, Wire Gauge, Centimeters, Millimeters and Halves; Inches into 16ths, 32ds, 64ths, 10ths, 20ths, 50ths, 100ths, 12ths, 24ths, 48ths, 96ths, Length, 6 inches, - - each, $1 00

Yard Sticks.

No. 33, Yard Stick, Polished, one inch wide, - - - - per dozen, $2 00
41, " " " " Brass Tips, - - - - " 8 50
50, " " Hickory, Brass Capped Ends, 1¼ inch wide, - - " 4 50
One Dozen in a Package.

WANTAGE AND GAUGING RODS

Fig. 539

No. 44, Wantage Rod.

Fig. 540.

No 45, Gauging Rod

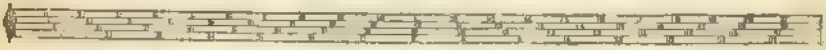
Fig. 541

Davidson's Gauging Rod, with Slide.

No. 44, Wantage Rods, Eight Lines, - - - - - - per dozen, $ 5 00
45, Gauging " 120 Gallons, 3 feet long, - - - - - - " 7 00
Davidson's " " U.S. Standard, 3 feet long, without Slide, - - " 36 00
Brass Slides, only, for Davidson's Gauging Rod. - - - - " 12 00
Nos. 44 and 45 One Dozen. Davidson's, One-half Dozen in a Package

Board and Log Measures.

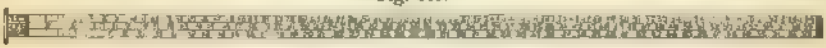
Fig. 542.



No. 47½

No 47½, Board Stick Square, Brass Cap, 5 to 23 feet, Length 3 feet, - - per dozen, $12 00

Fig. 543.



No. 43½

No. 43½, Board Stick, Flat, Hickory, Cast Brass Head and Tip, 6 Lines 12 to 22 feet, 3 feet, per dozen, $12 00
49, " " " Steel Head, Brassed, Ex Strong, 6 Lines, 12 to 22 feet, 3 feet, " 26 00

Fig. 544

No. 48.

No 48. Walking Cane, Board Measure, Octagon, Hickory, Solid Cast Brass Head and Tip, 8 Lines 9 to 16 feet, Length 3 feet, - - - per dozen, $12 00
48½, Walking Cane, Log Measure, (Doyle's Revised) Octagon, Hickory, Solid Cast Brass Head and Tip, Length 3 feet, - - - - - - " 15 00
One-half Dozen in a Package.

LUFKIN'S ACME INSPECTORS' BOARD RULE

Fig. 545.

Showing Handle.

No 1, Acme, 3 Tier, 3½ feet, Extra Heavy Brassed Heads, - - - per dozen, $30 00
2, " 3 " 3 " " " - - - " 28 00

SIMMONS HARDWARE COMPANY

RAZOR CASES.

Fig No D9766

Our Premium Razor Case.

Contains 1 Dozen First Quality Assorted English Razors of our following well known Brands.

	PER CASE
1/4 Dozen **No. 922** Black Rubber Handle, Assorted Sizes, Half Hollow Ground	$18.00
1/4 Dozen **No. 922** White Bone Handle, Assorted Sizes, Half Hollow Ground	
1/6 Dozen **Senator,** Mock Shell Handle, Crocus Finished	
1/6 Dozen **Royal,** Fancy Rubber Handle, Extra Hollow Ground	
1/6 Dozen **Hornet,** Plain Rubber Handle, Extra Hollow Ground	
1/6 Dozen **Barbers' Pet,** Plain Rubber Handle, Warranted Full Concave Hamburg Ground	

SHAVING CASES.

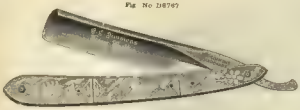
Fig No D9766

No. 914

		PER CASE.
No. 914—Fine Silk Plush Case, with Mirror, Contains	1 Fine Decorated Cup, 1 Fancy Handle Shaving Brush, 1 Barbers' Pet Razor,	$5.25
No. 913—Fine Silk Plush Case, with Hand Mirror, Contains	1 Fine Decorated Cup, 1 Fine Shaving Brush, 1 Comb, 1 Barbers' Pet Razor,	6.00
No. 904—Fine Silk Plush Case, with Hand Mirror, Contains	1 Fine Decorated Cup, 1 Fine Shaving Brush, 1 Comb, 1 Soap Box, 1 Barbers' Pet Razor,	6 75
No. 918—Fine Silk Plush Case, with Swinging Mirror, Contains	1 Fine Decorated Cup, 1 Fine Shaving Brush, 1 Stick "Pears'" Shaving Soap, 1 Pair K. K. Rent Nail Scissors, 1 Barbers' Pet Razor, 1 Comb,	9.00

RAZORS.

Fig. No. D6767



No. 456—Pearl Handle, Full Crocus Finish.

Inches,	4/8	5/8	6/8
Per dozen,	$45.00	45.00	45.00

Fig. No. D6768

No. 1115—Fancy Black Handle, Gold and Silver Etching.

Inches,	4/8	5/8	6/8
Per dozen,	$31 50	31.50	31.50

Fig. No. D6769

No. 422—Black Handle, Full Crocus Finish.

Inches,	4/8	5/8	6/8	7/8
Per dozen,	$31.50	31.50	31.50	31.50

Fig. No. D6770

No. 478—Fancy Celluloid Handle, Full Crocus Finish.

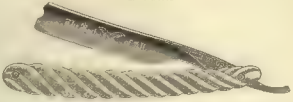
Inches,	4/8	5/8	6/8
Per dozen,	$27.00	27.00	27.00

Fig. No. D6771.

No. 783—White Celluloid Handle, True Blue Finish.

Inches,	4/8	5/8	6/8
Per dozen,	$27.00	27.00	27 00

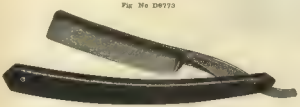
Fig. No. D6772



No. 777—White Celluloid Handle, Full Crocus Finish.

Inches,	4/8	5/8	6/8
Per dozen,	$24.75	24.75	24.75

Fig. No. D6773



Barber's Pet—Black Handle, Full Concaved.

Inches,	3/8	4/8	5/8	6/8	7/8
Per dozen,	$20.25	22.50	22.50	22.50	27.00

Fig. No. D6774

No. 776—Bamboo Celluloid Handle, Full Crocus Finish.

Inches,	4/8	5/8	6/8
Per dozen,	$22.50	22 50	22 50

Every Razor Fully Warranted.

One-half Dozen in a Box.

RAZORS.

Fig No. D6783

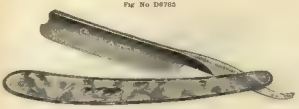
Mustache.

	PER DOZEN
Mustache—Black Handle, 4/8 in., .	$22.50

Fig No. D6784

	PER DOZEN.
No. 449—Black Handle, Full Crocus Finish, 5/8 in.,	$15 75

Fig No. D6785



Senator.

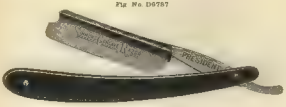
	PER DOZEN
Senator—Mock Shell Handle, Full Polished,	$13.50

Fig No. D6786

K. K. Whisker.

K. K. Whisker Black Handle, . .	Inches,	4/8	5/8
	Per dozen,	$13.50	13.50

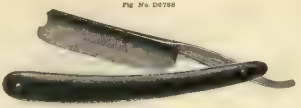
Fig No. D6787



President.

President—Black Handle, Hollow Ground, .	Inches,	5/8	6/8
	Per dozen,	$13.50	13.50

Fig No. D6788



No. 922 B Black Handle, .	Inches,	4/8	5/8	6/8
	Per dozen,	$9.00	9.00	9.00
No. 922 WB White Bone Handle, . .	Inches,		5/8	6/8
	Per dozen,		$11.25	11.25

One-half Dozen in a Box.

Fig No. D6789

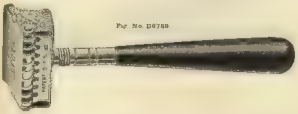


Fig No. D6790

Back View showing Adjustable Screw for Setting the Blade.

Fox Safety Razor.

	PER DOZEN
Fox Safety Razor, Silver Plated Frame,	$22.50
Extra Blades for Fox Safety Razors, .	9.00

One in a Tin Box.

RAZORS.

Fig. No. D6776

No. 781—White Celluloid Handle, Full Crocus Finish

Inches, . .	4/8	5/8	6/8
Per dozen, . .	$22.50	22.50	22.50

Fig. No. D6770

No. 778 White Celluloid Handle.

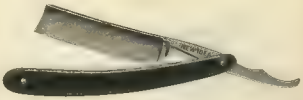
Inches, . .	4/8	5/8	6/8
Per dozen, .	$20.25	20.25	20.25

Fig. No. D6777

No. 779—Red Celluloid Handle, Full Crocus Finish.

Inches, . .	4/8	5/8	6/8
Per dozen, . .	$20.25	20.25	20.25

Fig. No. D6778



New Idea.

PER DOZEN.

New Idea—Black Handle, Long Tang, 5/8 **in.,** $20.25

Fig. No. D6779

No. 1165 Brown Rubber Handle, Etched in Gold.

Inches, . .	4/8	5/8	6/8
Per dozen, . .	$20.50	20.50	20.50

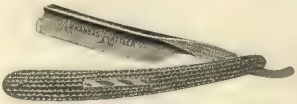
Fig. No. D6780

Royal.

Royal—Black Handle, Extra Hollow Ground.

Inches,	4/8	5/8	6/8	7/8	1
Per dozen,	$18.00	18.00	18.00	21.00	24.00

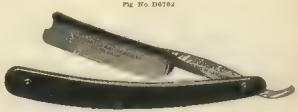
Fig. No. D6781



PER DOZEN.

No. 3575—Imitation Stag Handle, Hollow Ground,
5/8 **in.,** $18.00

Fig. No. D6782



Hornet.

Hornet—Black Handle, Hollow Ground.

Inches, .	4/8	5/8	6/8	7/8
Per dozen, .	$18.00	18.00	18.00	21.00

Hornet—Ivory Handle, Hollow Ground.

Inches,	4/8	5/8	6/8
Per dozen,	$27.00	27.00	27.00

One-half Dozen in a Box.

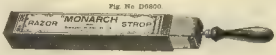
RAZOR STROPS.

Fig. No. D6799

PER DOZEN

No. 200—"Leader", Combination, German Belt, with Hone, Double Rods and Screw, Length 13 in., $5.00

Fig. No. D6800



PER DOZEN

No. 300—S. H. Co. "Monarch", Combination, Standard German Belt, with Hone, Double Rods and Screw, Length 13½ in., ... $7.50

Fig. No. D6801

PER DOZEN

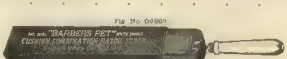
No. 400—S. H. Co. "Royal", Combination, **Extra Quality German Belt,** with Hone and Buff Leather Finishing Side, Double Rods and Screw, **Imitation Horn Handles,** Length 13½ in., ... $11.25

Fig. No. D6802

PER DOZEN.

No. 500—S. H. Co. "Genuine Russia", Combination, Extra Heavy **Russia Leather Belt,** with Hone and Buff Leather Finishing Side, Double Rods and Screw, **Imitation Horn Handles,** Leatherette Case, Length 13½ in., ... $20.00

Fig. No. D6803



PER DOZEN

No. 600—S. H. Co. "Barbers' Pet", Cushion Combination, Extra Quality Belt, **Buff Leather Cushion,** Heavy Hone, **White Handle,** Leather Case, Gold Lettered, Length 14 in., ... $33.25

Fig. No. D6804

PER DOZEN

No. 250—"Rattler", German Belt, Iron Frame, Double Rods and Screw, Length 13 in., $6.25

Fig. No. D6805

PER DOZEN

No. 350—S. H. Co. "Standard", German Belt, Iron Frame, Double Rods and Screw, **Imitation Horn Handle,** Length 13 in., ... $8.25

Fig. No. D6806

PER DOZEN

No. 450—S. H. Co. "Senator", Extra Quality German Belt, Nickel Plated Frame and Rods, Imitation Horn Handle, Linen Covered Case, Length 14 in., ... $15.00

Fig. No. D6807

PER DOZEN.

No. 550—S. H. Co. "Hornet", Extra Quality German Belt, Nickel Plated Frame and Rods, White Handle, Leatherette Case, Length 14½ in., ... $25.00

One-half Dozen in a Box.

RAZORS.

Fig. No. D6791

No. 8888—Black Handle, Inches, 5/8 6/8; Per dozen, $13.25 14.00

Fig. No. D6793

No. 621 Black Handle, 6/8 in., . . PER DOZEN. $6.75

Fig. No. D6792

No. 02363 Black Handle, "True Pipe".

Inches,	4/8	5/8	6/8
Per dozen,	$13.00	13.00	13.00

Fig. No. D6794

No. 01443.

No. 01443—Black Handle, 5/8 in., . . PER DOZEN. $ 7.50

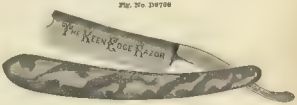
No. 01442 Black Handle, Etched Blade, 5/8 in., 10.00

Fig. No. D6795.

Easy Shaver

Easy Shaver, Black Handle, Inches, 5/8 6/8; Per dozen, $7.50 7.50

Fig. No. D6796



No. 3310 S Mock Shell Handle, 5/8 in., PER DOZEN. $4.50

One-half Dozen in a Box.

Fig. No. D6797

No. 85/P. Corn Razor.

No. 85 P Keen Kutter, Pearl Handle, Corn Razor, . PER DOZEN. $15.75

No. 85 I Keen Kutter, Ivory Handle, Corn Razor, ... 9.00

One-half Dozen in a Box.

Fig. No. D6799

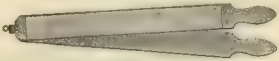
Razor Hones.

	PER DOZEN
No. 4 —7 in., Common Quality, .	$ 5.25
No. 3 —7 in., Medium Quality, .	8.25
No. 2 —7 in., Fine Quality,	11.25
No. 1 —7 in., Extra Quality,	14.50
No. 2X—10 in., Extra Quality,	49.50

One-half Dozen in a Package.

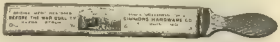
RAZOR STROPS.

Fig. No. D6814.



	PER DOZEN.
No. 3—Barbers' Double Swing, Canvas and Leather, Length 24 in., ...	$9.00

Fig. No. D6815



	PER DOZEN.
No. A1 "Before the War Quality", Genuine Emerson, One Side Oval, Length 13½ in.	$10.00

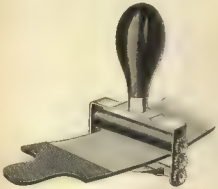
Fig. No. D6816

	PER DOZEN.
No. 15 Genuine Emerson, One Side Oval, Length 13¼ in., ...	$7.50
No. 25—Imitation Emerson, One Side Oval, Length 13¼ in., ...	3.50

One-half Dozen in a Box.

SAFETY RAZOR STROPPING MACHINES.

Fig. No. D6817



	PER DOZ'N.
Fox Safety Razor Stropping Machine and Strop, .	$24.00

One-half Dozen in a Box.

SHAVING SOAP.

Fig. No. D6818

Williams'.

	PER DOZEN.
Favorite Shaving Sticks, .	$2.50

One Dozen in a Box.

Fig. No. D6819

	PER POUND.
Barbers' Bar Soap, .	$0.50

Put up in Pound Packages, 6 Cakes to the Pound, 10 Pounds in a Box

SHAVING SOAP.

Fig. No. D6820.

Williams'.

Fig. No. D6821.

	PER DOZEN.		PER DOZEN.
Clipper Shaving Soap,	. $1.35	**Genuine Yankee** Shaving Soap, .	$1.75

One Dozen in a Box.

SIMMONS HARDWARE CO. COMPANY

RAZOR STROPS.

Fig. No. D8808

No. 1200, Assorted Box.

PER BOX

No. 1200—Assorted Box, S. H. Co. Razor Strops, Contains in a Box of One Dozen 1/4 Dozen Each, Nos 300 and 400; 1/4 Dozen Each, Nos. 500, 350 and 450, ... $15.00

Fig. No D8809

PER DOZEN.

No. 10—"Kentucky" Horse Tail, Leather, **Length 13½ in.,** Width 1¾ in., ... $4.50

No. 20—"Kentucky" Horse Tail, Leather, **Length 21 in.,** Width 2 in., ... 8.00

Fig. No D8810

PER DOZEN

No. 30—"Kentucky" Horse Tail, Leather, Length 21 in., Width 2 in., **with Swivel,** $10.00

Fig. No. D8811

PER DOZEN.

No. 40 "Kentucky" Horse Tail, Double Swing, 18 x 2 in Horse Tail and Dressed Duck, Nickel Plated Swivel Head, **Hardwood Handle,** $12 00

One-half Dozen in a Box.

Fig. No D8812

PER DOZEN.

No. 110—"Rapid", Double Swing, Canvas and **Black Leather,** 17 x 2 in., **Standard Quality,** Metal Handle, Swivel Head, ... $ 6 00

No. 120 "Rapid", Double Swing, Canvas and **Black Leather,** 17 x 2 in , **Medium Quality,** Metal Handle, Swivel Head, ... 9 00

No. 130—"Rapid", Double Swing, Canvas and **Buff Leather,** 17 x 2 in., **Medium Quality,** Metal Handle Swivel Head, ... 12.00

Fig. No D8813

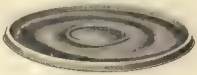
PER DOZEN.

No. 140 "Keen Kutter", Double Swing, **Extra Quality** Black Leather, Crocus Dressed Duck, 18 x 2 in , Stitched Ends, Nickel Plated Swivel Head, **Black Enameled Handle,** $18.00

One-half Dozen in a Box.

TINNERS' TRIMMINGS.

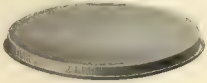
Fig. No. D9148



Milk Setter Covers.

Milk Setter Covers, IX Tin,	Inches,	8¼	8½
	PER GROSS,	$15.00	18 00

Fig. No. D9149



Milk Setter Bottoms.

Milk Setter Bottoms, IX Tin,	Inches,	8¼	8½
	PER GROSS,	$10 25	11 50

One-half Gross in a Package.

Fig. No. D9150

Fig. No. D9151

Cream Cans or Milk Coolers.

I. X., With Extra Deep Covers over Outside.

	Without Gauge.		With Gauge.	
Nos.,	14	20	14G	20G
Quarts,	14	20	14	20
Size, inches,	8 x 14	8½ x 20	8½ x 14	8½ x 20
PER DOZEN,	$7.50	9.00	$9.00	10.50

One Dozen in a Case.

Fig. No. D9152.

Coffee Pot Covers, Plain.

Quarts,	1½	2	3	4	5	6
Inches,	3⅝	3⅝	4⅝	4½	5	5⅞
PER GROSS,	$2.50	3.00	3.75	4.25	5.00	7.25

One-half Gross in a Box.

Fig. No. D9153

Coffee Pot Covers, Rimmed.

Inches,	3	3½	4	4½
PER GROSS,	$4.75	5.50	6.00	6.75

One Dozen in a Package.

TINNERS' TRIMMINGS.

Milk Can Stock, For Rail Road Milk Cans.

We do not keep the Cans complete, but only furnish the Stock ready to make them.

Fig. No. D6143.

Teet's Pattern.

Steel, Heavily Tinned.

Quarts,	20	32	40
Per set,	$1.50	1.70	1.95

Fig. No. D6144.

Elgin Pattern.

Steel, Heavily Tinned.

Quarts,	32	40
Per set,	$2.25	2.65

Fig. No. D6145.

Fig. No. D6146.

Dubuque or Iowa Pattern.

Quarts,	20	32	40
Per set,	$1.55	1.90	2.05

Fig. No. D6147.

Quarts,	20	32	40
Per set,	[illegible]	2.90	3.10

Cheese Factory.

Gallons,	10	15	20	30	40	50
Per set,	$1.75	1.95	4.50	5.15	6.00	[illegible]

One Dozen Sets in a Box.

A Set of Milk Can Stock consists of all the parts with Handles for making a complete Can, except Rivets and Solder.

Sizes and kinds printed in Red Ink not carried in Stock, and can only be furnished for direct shipment from Factory.

TINNERS' TRIMMINGS.

Fig No D5.60.

Chicago Tea Kettle Handles.

	PER DOZEN.
Chicago Tea Kettle Handles, **Tin,** . . .	$1.60
Chicago Tea Kettle Handles, **Copper,** . . .	7.50

Fig No D5181

Boss Tea Kettle Handles.

	PER DOZEN.
Boss Tea Kettle Handles, **Tin,** . . .	$1.20

Chicago, One Dozen; Boss, Six Dozen in a Box.

Fig No D5183

IX Tea Kettle Breasts and Covers, Rimmed.

Inches, .	9¼	10	10½	11½
PER GROSS,	$26.75	29.25	31.75	39.25

One Dozen in a Package.

Fig No. D5183

Cut showing Breast, Cover, Handle, Ear and Knob.

Copper Tea Kettle Trimmings, with Chicago Spout and Handles.

For Kettles Nos., . .	7	8	9
PER DOZEN SETS, . .	$12.50	13.50	14.50

A Set is Composed of One Each, Breast, Cover, Handle, Ears, Knob and Spout.

One-half Dozen Sets in a Box.

Fig No D5164

Chicago Tea Kettle Spouts, Tin.

Nos., . . .	50	60	70
Inches, . . .	5 x 2⅜	6 x 2¾	6¾ x 2¾
PER DOZEN, . . .	$0.70	.76	.80

Chicago Tea Kettle Spouts, Copper.

Nos., . . .	50C	60C	70C
Inches, . . .	5 x 2⅜	6 x 2¾	6¾ x 2¾
PER DOZEN, . . .	$2.50	2.70	2.90

Two Dozen in a Box.

Fig No D5166

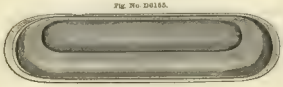
Coffee Pot Lips.

		PER GROSS.
Coffee Pot Lips, to Rivet,	**Small,** . .	$2.00
	Large, . .	2.50

One-half Gross in a Package.

TINNERS' TRIMMINGS.

Fig. No. D6155.

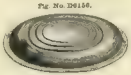


Boiler Covers.

Boiler Covers, Oval Rimmed, **St. Louis Sizes,**	Nos.,	7	8	9
	Inches,	10⅜ x 19⅜	11¾ x 22¾	12½ x 24¾
	PER DOZEN,	$3.35	4.00	6.00

Boiler Covers, Oval Rimmed, **Eastern Sizes,**	No.,	8E
	Inches,	11⅝ x 21⅜
	PER DOZEN,	$3.75

Fig. No. D6156.



Bucket Covers.

Bucket Covers,	Quarts,	1	1½	2	3	3¾	4	5	6	7	8	10	12	14
	Size, inches,	5¼	6	6 7/16	6 11/16	7	7¾	8⅝	8¾	9	9¾	9 11/16	10½	11⅝
	PER GROSS,	$5.00	6.25	6.25	7.50	9.25	9.75	12.50	12.50	14.00	14.50	16.25	20.00	23.75

Fig. No. D6157

Cake Box or Lard Can Covers.

Inches,	12½	13½
PER GROSS,	$35.00	12.50

Fig. No. D6158

Beaded and Ringed Pot Covers.

Beaded Edge Pot Covers, with Rings,	Inches,	7	7½	8	8¼	8½	8¾	9	9¼	9½
	PER GROSS,	$10.75	11.25	12.25	13.00	13.50	13.75	14.25	15.30	15.30
	Inches,	9¾	10	10¼	10½	10¾	11	11¼	11½	11¾	12
	PER GROSS,	$17.50	17.50	18.75	19.00	20.00	21.25	21.50	22.50	25.00	26.25

One Dozen in a Package.

TINNERS' TRIMMINGS.

Fig. No. D6176

Fluted Funnel Tubes.

Fluted Funnel Tubes,	Nos.,	1	2	3
	PER GROSS,	$1.25	1.50	1.75
Fluted Funnel Tubes,	Nos.,	4	5	Assorted.
	PER GROSS,	$2.00	3.25	2.25

One-half Gross in a Box.

Fig. No. D6177

Grater Blanks.

Grater Blanks,	Sheet,	¾	⅞	1
	PER GROSS,	$5.50	9.75	18.75

One-sixth Gross in a Package.

Fig. No. D6178

No. 8. No. 7.

Cuts One-quarter Size.

Bent Can Spouts.

Bent Spouts,	Nos.,	7	8
	PER GROSS,	$2.00	1.25

One-half Gross in a Box.

Fig. No. D6179.

Cuts One-half Size.

Dover Can Spouts.

	PER GROSS.
No. 9—Dover Can Spouts,	$3 50

Fig. No. D6180

Thimble Tops and Bottoms.

	PER DOZEN.
Tin Thimble Tops and Bottoms, 6¼ in.,	$2.25

One Dozen in a Package.

Fig. No. D6181

Full Size Cut of ¾ in.

Wire Rings, with Clips, Coppered.

Inches,	¾	⅞	1	1¼
PER GROSS,	$0.34	.40	.44	.55

One Gross in a Package.

Fig. No. D6182

Cut One-quarter Size.

Boiler Handles.

	PER POUND.
Boiler Handles, Fluted, **Japanned,**	$0.10
Boiler Handles, Fluted, **Coppered,**	.10

400 lbs. in a Barrel.

Fig. No. D6183.

No. 1. Cut One-half Size.

Bail Woods.

	PER CASE OF 500.
No. 1—Plain,	$2 00

	PER CASE OF 1 GROSS.
No. 2—Black Enameled,	$1.50

SIMMONS HARDWARE COMPANY

TINNERS' TRIMMINGS.

Fig. No. D6166.

Tea and Coffee Pot Handles.

For Slanting Pots.

PER DOZEN.

No. 51½—Jahant's Black Enameled Wood Handles, Both Ears for Soldering, . $1.25

Fig. No. D6167.

Tea and Coffee Pot Handles.

For Slanting Pots.

PER DOZEN.

No. 55½—Jahant's Black Enameled Wood Handles, Hinge and Ear for Soldering, $1 50

One Dozen in a Box.

Fig. No. D6168.

Tea Pot Handles.

PER GROSS.

No. 2—Stow's, Japanned, 5¼ in., $12.50

Fig. No. D6169

Tea Pot Hinges.

PER GROSS.

Tin, . . $1.50

One Gross in a Box.

Fig. No. D6170.

Tea Pot Knobs.

PER GROSS.

No. 5—Wood, **Small,** . $1.50

No. 10—Wood, **Large,** . 1.75

One Gross in a Box.

Fig. No. D6171

Fluted Tea Pot Spouts.

Nos.,	1	2	3
Inches,	5	6	6½
PER GROSS,	$7.50	9.25	11 25

One-half Gross in a Package.

Fig. No. D6172.

Fruit Can Tops and Bottoms.

PER GROSS.

1 Quart, Fruit Can Tops and Bottoms, Opening 3½ in., $3.00

One-half Gross in a Package; Ten Gross in a Case.

Fig. No. D6173.

Sprinkler Heads, Patent Screw Top.

Nos.,	00	0	1	2	3	4
Diameter, inches,	2	2⅜	3¼	3¾	4¼	4¾
PER DOZEN,	$1 25	1.75	2.00	2.50	3.00	4 00

One Dozen in a Box.

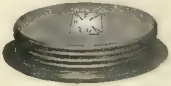
Fig. No. D6174.

Zinc Can Screws.

Inches,	½	¾	1	1¼	1½	2
PER GROSS,	$4.00	4.50	6.00	8.00	12.00	20.00

½, ¾, 1 and 1¼ in., One-half Gross; 1½ in., One-quarter Gross; 2 in., One-sixth Gross in a Box.

Fig. No. D6175



Zinc Milk Can Screws.

Zinc Milk Can Screws,	Inches,	3	4
	PER GROSS,	$10.00	12 00

Two Dozen in a Box.

TINNERS' TRIMMINGS.

Fig. No. D6190.

Woodruff's Trough Hangers.

Inches, ...	3½	5
PER GROSS, . . .	$6.00	7.00

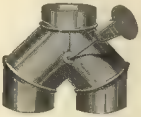
Fig. No. D6191

Hyre's Trough Hangers.

Inches, ...	3½	5
PER GROSS, . . .	$5.00	6 00

One-half Gross in a Bundle.

Fig. No. D6192



Howell's Rain Water Cut-Offs.

Inches, ...	3	4
PER DOZEN, . . .	$6.00	9.00

One Dozen in a Case.

Fig. No. D6193

Adjustable Tin Elbows.

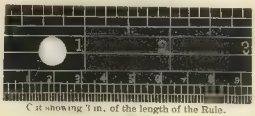
For Corner Spouting.

Inches, .	2	2½	3	4
PER DOZEN.	$1.30	1.50	1.80	2 25

TINNERS' RULES AND STRAIGHT EDGES.

Fig. No. D6194

Cut showing the first 3 Tables on face of one side of the Rule.



Cut showing ¼ in. of the length of the Rule. Full Size.

Tinners' Steel Rules and Straight Edges, **3 feet** in Length, 1¼ in. Wide, ⅛ in. Thick,

	EACH.
Plain Polished, .	$7 50
Nickel Plated, .	8.00

Is laid off on one side with two rows of figures. The first row is laid off like an ordinary steel square, by eighths and inches, up to 3 feet. The second row is a line of circumferences, divided into 113 equal parts; each of these divisions is again subdivided into 8 equal parts, the large divisions representing an inch to a scale, and the subdivisions an eighth inch. Therefore, against any diameter we can find circumference in this line to a scale of inches and eighths of inches.

The reverse side of the Rule gives the dimensions of measures and cans. The first two tables are for flaring measures. 1st, Liquid measures, from 1 to 5 gallons; 2d, Dry measures, from 1 peck to 2 bushels, giving diameter of top and bottom, and height of each size and kind.

The third table is for cans with pitch or cone tops, from 1 to 10 gallons, giving diameter of top and body, and compass mark for striking breast.

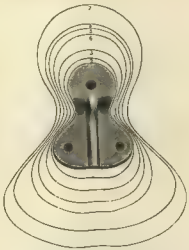
The fourth table is for flat top cans, from 100 to 200 gallons (31 different sizes), giving height and diameter.

The fifth table is for dry measure, from 1 quart to 3 bushels, giving height and diameter.

SIMMONS HARDWARE COMPANY

TINNERS' TRIMMINGS.

Fig. No D6185.



Nos. 1 to 7. Cut showing Exact Sizes.

Fig. No D6184

Cut Full Size.

Tea Kettle Ears.

	PER GROSS PAIRS.
No. 50—Tea Kettle Ears,	$2.10

One-half Gross Pairs in a Package.

Stamped Kettle Ears.

Nos.,	1	2	3	4	5	6	7
PER GROSS PAIRS,	$1.00	1.25	1.50	1.75	2.25	2.75	3.50

One-half Gross Pairs in a Box.

Fig. No D6186

Full Size Cut of No. 1M.

Fig. No. D6187

Full Size Cut of No. 2B.

Malleable Tinned Kettle Ears.

Plain.

Nos.,	1M	2M	3M	4M
PER POUND,	$0 20	.20	20	20

125 lbs. in a Case.

Berger's.

Nos.,	1B	2B	3B	4B
PER SINGLE GROSS,	$0.35	.50	.65	.90

Nos.,	5B	6B	7B
PER SINGLE GROSS,	$1.30	1.60	2.25

One Gross in a Box.

Fig. No D6186.

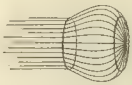
Conductor Hooks, for Wood Buildings.

Tinned Malleable Iron.

Inches,	3	4
PER 100,	$4.00	6.00

Fifty in a Package.

Fig. No. D6189



Conductor Pipe Strainers.

Galvanized.

Inches,	3	4
PER DOZEN,	$2.50	3.00

Bird Cages.

JAPANNED, IN CASES ONLY

Case No. 1

Fig. 6305.

9½ inches Diameter

Fig. 6306

7½ inches Diameter.

Fig. 6307

7x9 inches.

Fig. 6308

9½ inches Diameter

Fig. 6309

8 inches Diameter

Fig. 6310.

7½x9½ inches.

Fig. 6311.

8½ inches Diameter

Fig. 6312

8x9 inches

Bird Cages.

JAPANNED, IN CASES ONLY.

Case No 1—Continued

Fig 6313.

8½x10¼ inches.

Fig 6314

7½x9½ inches.

Fig 6315

[illegible]x[illegible] inches.

Fig 6316

7½x9½ inches.

No. 1, Assorted Case of 6 Round and 6 Square Japanned Cages, as per illustrations on pages 1434 and 1435. - - - - - per case, $11 62

Bird Cages.

JAPANNED, IN CASES ONLY.

Case No. 2.

Fig. 6317

7½x10 inches.

Fig. 6318

8½x10 inches.

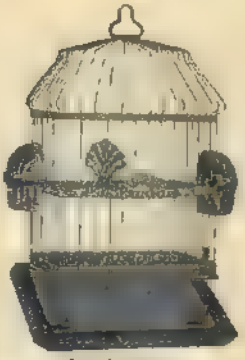
Fig. 6319

x8 inches.

Fig. 6320

8½x10½ inches.

Fig. 6321



7½x 9½ inches.

Fig. 6322

7½x10 inches.

Fig. 6323

8x9 inches.

Bird Cages.

JAPANNED, IN CASES ONLY.

Case No. 2—Continued.

Fig. 6325

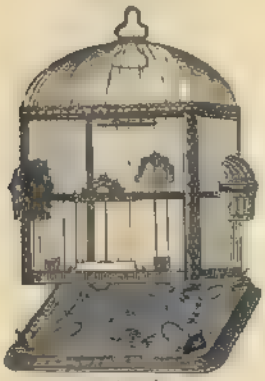


Fig. 6326

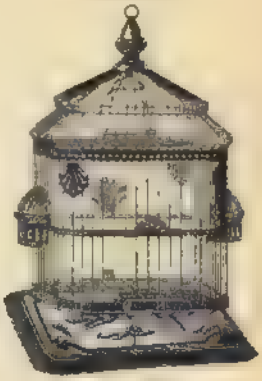


Fig. 6327

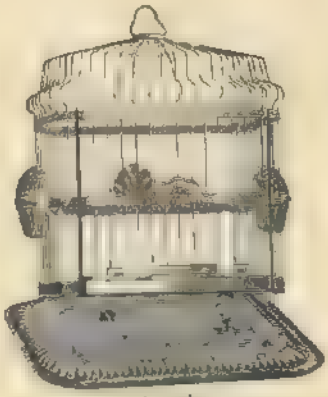


Fig. 6328

Fig. 6329

No. 9. Assorted Case of 12 and Square Japanned Cages, as per illustrations on pages 1436 and 1437, per case, $15 51

Bird Cages.

JAPANNED, IN CASES ONLY.

Case No 4.

Fig 6329

8½x1[illegible] inches.

Fig. 6330.

8¾x10⅞ inches.

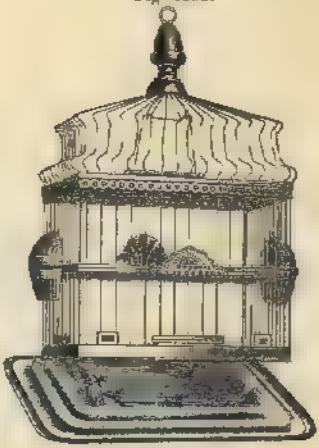
Fig. 6331

5¾x8¾ inches.

Fig 6332.

7¾x1[illegible] inches.

Fig. 6333.



8x9 inches.

Fig 6334

8¾x10½ inches.

Fig. 6335

8x9⅝ inches.

Bird Cages.

JAPANNED, IN CASES ONLY.

Case No. 4—Continued.

Fig. 6336

9x9 inches.

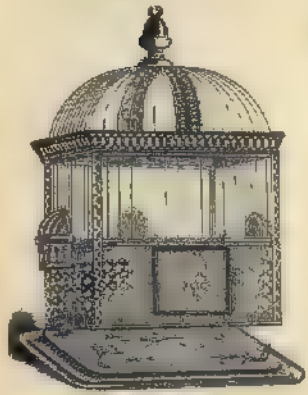
Fig. 6337

9½x9½ inches.

Fig. 6338.

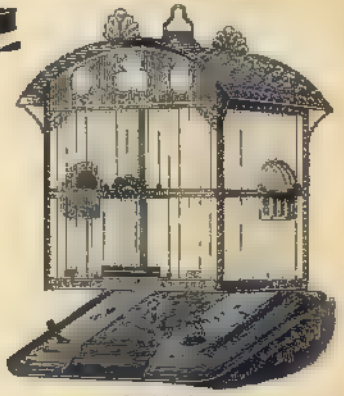
8x16½ inches

Fig. 6339.



8½x1[illegible] inches.

Fig. 6340.



8¾x8¾ inches.

No. 4, Assorted Case of 12 and Square Japanned Cages, as per illustrations on pages 1438 and 1439, per case, $21 79

Bird Cages.

ALL BRASS, IN CASES ONLY

Case No. 510.

Fig. 6341

7¼x8¾ inches.

Fig. 6342

6¾x8½ inches

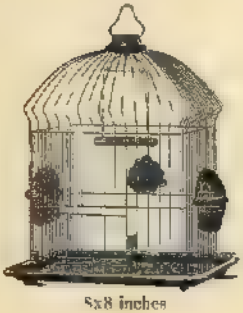
Fig. 6343.

6x9½ inches.

Fig. 6344.

7x10 inches.

Fig 6345.



8x8 inches

Fig. 6346.

7¼x8¾ inches.

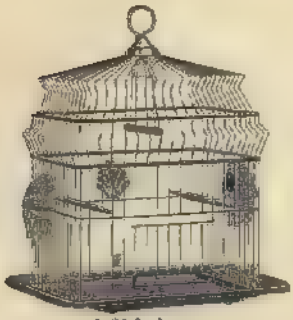
No. 510, Assorted Case of 6 Square all Brass Cages, as illustrated above - - per case, $11 38

Bird Cages.

ALL BRASS, IN CASES ONLY.

Case No. 511

Fig. 6347.

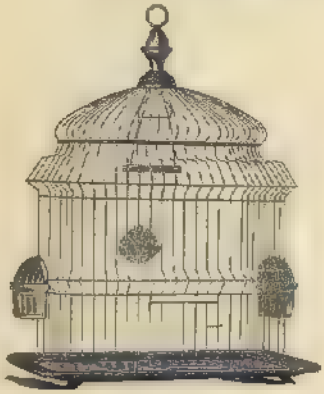


8x9½ inches.

Fig. 6348

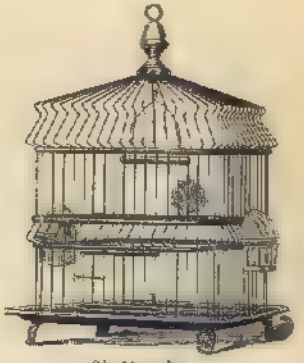
8½x10½ inches.

Fig 6349.



8½x10½ inches.

Fig. 6350



8½x10 inches

Fig 6351

7½x9½ inches.

Fig. 6352

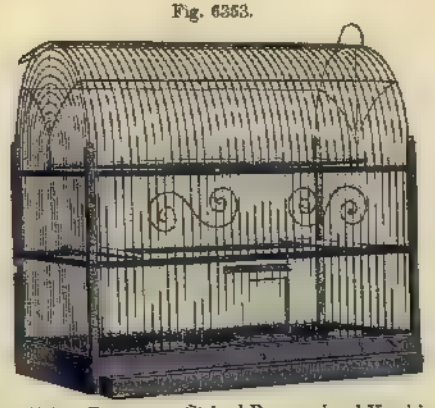
8½x10½ inches.

No. 51A, Assorted Case of 8 Square all Brass Cages, as illustrated above, - - per case, $21 62

Bird Cages.

NESTED, WOOD FRAMES, TINNED WIRE.

Fig. 6353.



With Sliding Bottoms. Stained Rosewood and Varnished.

No. 1800,	Nest of 5, 1 each Nos. 01 and 02 Mocking, 01 and 02 Robin and Oblong Canary,	per nest,	$9	25
1805,	" 3, Large, 1 each Nos 01 and 02 Mocking and 02 Robin,	"	6	75
1810,	" 3, Small, 1 each Nos. 01 and 02 Robin and Oblong Canary,	"	4	75

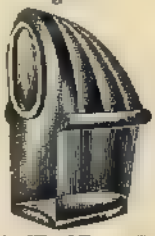
Sizes.

Kind,		Oblong Canary.	No. 02 Robin	No. 01 Robin.	No. 02 Mocking	No 01 Mocking
Length,	Inches,	17	19	21	23½	25½
Width,	"	9½	11	12	13½	15
Height,	"	13	18½	20½	22½	24

Bird Founts.

Fig. 6354.

Fig. 6355.



No. 4,	Flint Fount for Jap'd Cages,	per dozen,	$0	40
22,	Opa. " Brass "	"		60

No. 3, Flint Fount, for Wood Frame Cages, per doz. $1 00

Bird Baths.

Fig. 6356.

Fig. 6357.

No. 8,	Opal, Two Sizes, Nested, per single dozen,	$0	45
8½,	" Large Size only, " "		55

No. 9, Opal. for Wood Frame Cages, per dozen, $2 00

Patent Decorated Pearl Agate Ware.

Fig 6230

No. 08650 Series, Decoration A.

Nickel-plated Mountings and Protection Bands.
White Porcelain Inside.

No. 08653. Tea Pot, Capacity 3 Pints, - - - - - - - each, $4 75
08654, " " 4 " - - - - 5 00

Patent Decorated Pearl Agate Ware.

Fig. 6981

No. 08950 Series, Decoration S.

Oval Pattern.

Nickel-plated Mountings and Protection Bands. White Porcelain inside.

No. 08953,	Tea Pot.	Capacity	3 Pints,	each,	$5	50
08954,	" "	"	4 "	"	6	00
08955,	" "	"	5 "	"	6	50

Patent Decorated Pearl Agate Ware.

Fig. 6282

No. 8850 Series. Decoration L.

Nickel-plated Mountings and Protection Bands.
White Porcelain inside.

No. 8853,	Tea Pot,	Capacity	3	Pints,	each,	$4 25
8854,	"	"	"	4 "	"	4 75
8855,	"	"	"	5 "	"	5 25

Patent Decorated Pearl Agate Ware.

Fig 5233

No. 08450 Series, Decoration E.

Nickel plated Mountings and Protection Bands.
White Porcelain Inside

No. 08453, Tea Pot, Capacity 3 Pints, - - - - - - - each, $5 25
08454, " " 4 " - - - - - " 5 75

Patent Decorated Pearl Agate Ware.

Fig. 6234.

"Good Morning" Coffee Percolators.

No. 6850 Series, Decoration N

Nickel-plated Mountings and Protection Bands, White Porcelain Inside
With Combination Textile Fabric Filters.

No. 6853,	"Good Morning" Coffee Percolator, Capacity 3 Pints,	each	$5 00
6854,	" " " " " 4 "	"	5 50
6855,	" " " " " 5 "	"	6 00

Patent Decorated Pearl Agate Ware.

Fig. 6285.

No. 9250 Series, Decoration H, Pink or Blue.

Nickel-plated Mountings and Protection Bands.
White Porcelain Inside.

No. 9253.	Tea Pot, Capacity	3 Pints,	each,	$4	75
9254,	" "	4 "	"	5	25
9255,	" "	5 "	"	5	75

In ordering, state whether Pink or Blue Decoration is desired.
For illustration of Decoration H, "Pink", see page 1419.

Patent Decorated Pearl Agate Ware.

Fig. 6236.

No. 2060 Series, Decoration H, Pink or Blue.

Nickel-plated Mountings and Protection Bands, White Porcelain Inside.
With Deep Infusion Sacks.

No. 2064,	Coffee Pot,	Capacity 4	Pints,	each,	$6 00
2065,	"	" 5	"	"	6 50
2066,	"	" 6	"	"	7 00

In ordering, state whether Pink or Blue Decoration is desired.
For illustration of Decoration H, "Blue" see page 1418.

Patent Decorated Pearl Agate Ware.

Fig. 6237.

No. 05750 Series, Decoration D.

Nickel-plated Mountings and Protection Bands. White Porcelain inside.

No. 05753,	Tea Pot,	Capacity	3	Pints,	each,	$3 25
05754,	" "	"	4	"	"	3 50
05755,	" "	"	5	"	"	3 75

Patent Decorated Pearl Agate Ware.

Fig. 6238

No. 08760 Series, Decoration D.

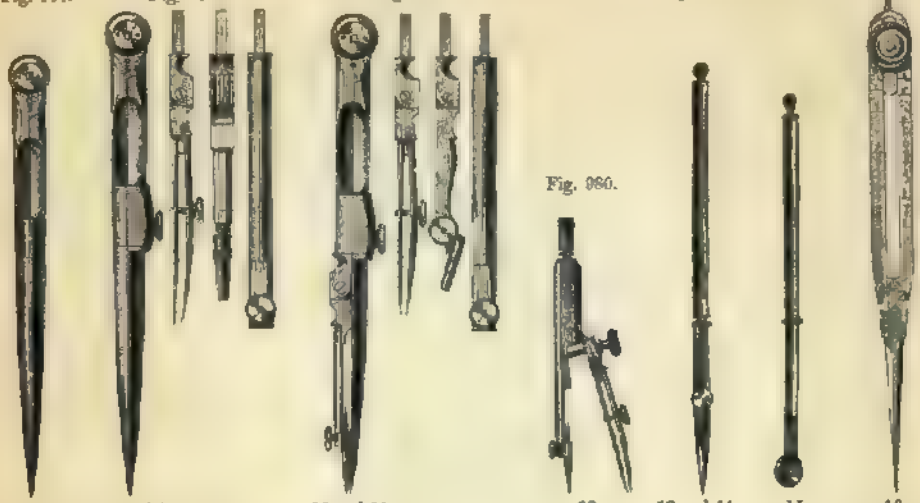
Nickel-plated Mountings and Protection Bands, White Porcelain Inside.
With Deep Infusion Sacks.

No. 08764,	Coffee Pot,	Capacity 4 Pints,	- - - - - -	each,	$4	00
08765,	" "	" 5 "	- - - - - -	"	4	25
08766,	" "	" 6 "	- - - - - -	"	4	50

Mathematical Instruments.

BRASS, FOR SCHOOLS.

Fig. 977. Fig. 978. Fig. 979. Fig. 980. Fig. 981. Fig. 982. Fig. 983.



1 to 4. 8 and 9. 10 and 11. 12. 13 and 14. 15. 16.

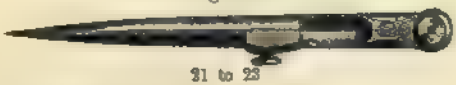
No. 1,	Brass Divider, 3½ inches long, Screw Joint,			each,	$0 25
2,	" 4½ " "			"	30
3,	" 5½ " "			"	35
4,	" 6½ " "			"	45
5,	" 4½ " "	with Pencil Leg,		"	40
6,	" 5½ " "	" "		"	50
7,	" 6½ " "	" "		"	60
8,	" 5 "	with Pen, Pencil Point and Lengthening Bar,		"	60
9,	" 6 "	" " " "		"	75
10,	" 4½ "	Needle Point, Pen, Pencil Point and Lengthening Bar,		"	75
11,	" 6 "	" " " "		"	1 00
12,	Brass Bow Pen, 3 "	with Spring and Adjusting Screw,		"	70
13,	Drawing Pen, Ebony Handle, 4 to 6 inches long,			"	20
14,	" Ivory " 4 to 6 "			"	30
15,	Roulette, for Dotting Lines,			"	65
16,	Brass Proportional Divider, divided for Lines, in Case,			"	2 00

GERMAN SILVER, FOR ACCURATE DRAWING

Fig. 984.

17 to 20.

Fig. 985.

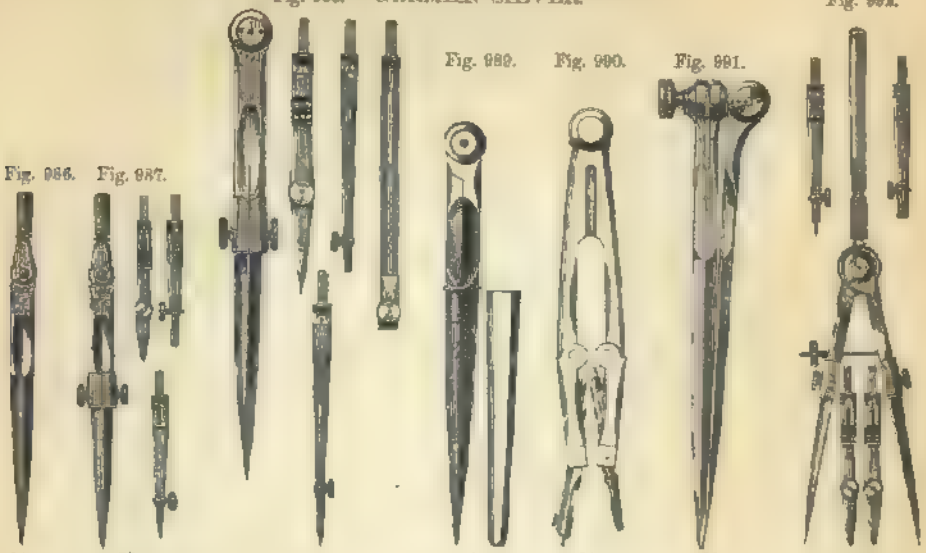


21 to 23

No. 17,	German Silver Divider, 4½ inches long, Steel Joint,			each,	$0 75
18,	" " 5 " "			"	95
19,	" " 6 " "			"	1 00
20,	" " 7 " "			"	1 25
21,	" " 4½ " "	with Hair Spring,		"	1 25
22,	" " 5 " "	" "		"	1 75
23,	" " 6 " "	" "		"	2 00

Mathematical Instruments.

Fig. 986. Fig. 987. Fig. 988. GERMAN SILVER. Fig. 989. Fig. 990. Fig. 991. Fig. 992.



24. 25. 26. 27. 28. 29. 30.

No. 24	German Silver Divider, 3 inches long, with Handle			each,	$2 00
25,	" " " 3 "	Pen, Pencil and Needle Points,		"	2 75
26,	" " " 6 "	Steel Joints, with Pen, Pencil, Needle Points and Length'g Bar,		"	3 75
27,	" " " 6 "	"	with Shield, for Pocket,	"	1 75
28,	" " "	for Pocket, with Folding Pen, Pencil and Needle Points,		"	5 00
29,	" " "	5 inches long, with Three Legs,		"	4 25
30,	" " " 4 "	Ivory Handle, with Spring and Set Screw, Needle Point,			
	Pencil Point and Two Pen Points, in Case,				7 00

BISECTING AND PROPORTIONAL DIVIDERS

Fig. 993

No. 31

Fig. 994.

No. 32.

Fig. 995

No. 33

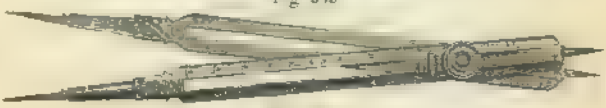
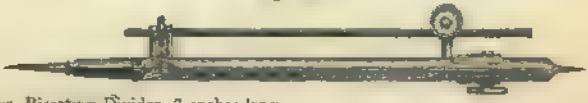


Fig. 996

No. 34



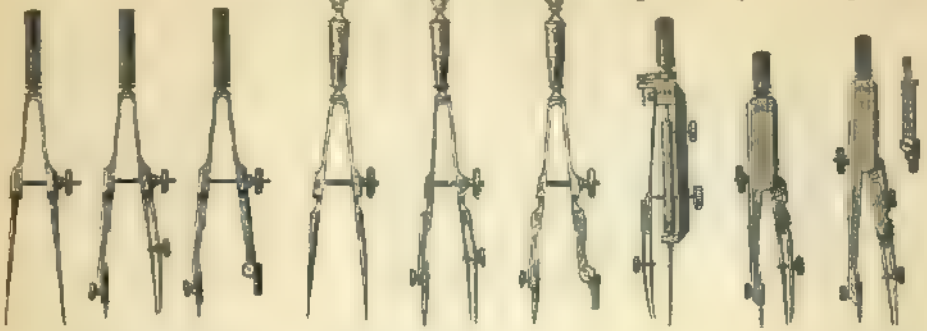
No. 31,	German Silver, Bisecting Divider, 7 inches long,			each,	$4 25
32,	" " Proportional " 6½ "	Graduated for Lines only,		"	8 00
33,	" " " " 6½ "	" " and Circles,		"	9 00
34,	" " " " 9½ "	" " " with Micrometer			
	Adjustment,			"	12 00

Mathematical Instruments.

STEEL AND GERMAN SILVER.

Fig. 1000. Fig. 1001. Fig. 1002.

Fig. 997. Fig 998. Fig 999. Fig. 1003. Fig. 1004. Fig. 1005.



35. 36. 37. 39. 40. 41. 43. 44. 45.

No. 35,	Steel Spacing Divider, 3½ inches long,	each,	$1 25
36,	" Bow Pen, 3½ inches long, with Needle Point,	"	1 70
37,	" " Pencil, 3½ inches long, with Needle Point,	"	1 70
38,	Set of Three, one each, 35, 36 and 37, in Case,	per set,	5 00
39,	Steel Spacing Divider, 4 inches long, Ivory Handle,	each,	1 25
40,	" Bow Pen, 4 " "	"	1 60
41,	" " Pencil, 4 " "	"	1 60
42,	Set of Three, one each, 39, 40 and 41, in Case,	per set,	5 00
43,	German Silver Bow Pen, 4 inches long, with Spring and Adjusting Screw	each,	3 00
44,	" " 3½ " " " "	"	1 75
45,	" " 3½ " " " and Pencil Point,	"	2 50

DRAWING PENS.

Fig. 1006. Fig. 1007. Fig. 1008. Fig. 1011. Fig. 1012.

49, 50 and 51

Fig. 1009.

53

Fig. 1010.

54.

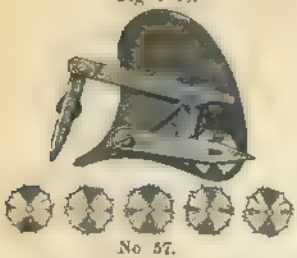
46. 56. 47 55.

No 46,	All Steel Drawing Pen, 4 in., for Curves,	each,	$1 50
47,	" " 6 " " Heavy Borders,	"	2 50
49,	" " 4 to 6 inches, with Hinge, Fine Finish,	"	1 00
50,	German Silver Drawing Pen, 6 inches, with Hinge, Fine Finish, with Protracting Point,	"	1 00
No 51,	German Silver Drawing Pen, 4 to 6 inches, with Hinge, Fine Finish, German Silver Points, for Red Ink,	each,	$1 25
53,	German Silver Drawing Pen, 5 inches, with Hinge and Graduated Screw,	"	1 75
54,	" " 5 " for Double Lines,	"	2 70
55,	" " 5½ " " or Single Lines,	"	3 75
56,	German Silver Roulette, 5 inches, for Dotting Lines,	"	1 00

Mathematical Instruments.

GERMAN SILVER.

Fig 1013.



No 57.

Fig. 1014.

No. 58.

No 57.	German Silver Dotting Instrument, with six Wheels, in Case, -	each.	$3 75
58.	" " Beam Compasses, to fit on any straight edge, Two Steel Points, Pen, Pencil, and Needle Point, in Case, -	"	7 00

ALTENEDER'S DRAWING PENS.

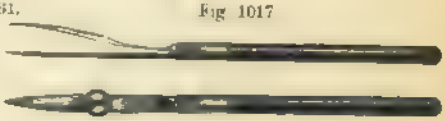
Fig. 1015.

59 to 61.

Fig. 1016.

62

Fig 1017



63 to 65.

No. 59,	Steel Drawing Pen, 4½ inches long, Ebony Handles,	each,	$1 25
60,	" " " 5 " "	"	1 50
61,	" " " 5½ " "	"	1 75
62,	" " " 5½ " " Double, for Railroad Work,	"	3 50
63,	" " " 4½ " " with Patent Spring on Upper Blade,	"	1 40
64,	" " " 5 " " " " "	"	1 65
65,	" " " 5½ " " " " "	"	1 90

ALTENEDER'S PATENT SPRING BOW INSTRUMENTS.

Fig. 1018.

66

Fig. 1019.

67

Fig. 1020.

68

Fig 1021

69

No. 66,	Steel Spacing Divider, 3 inches long, Plain Points, Metal Handle,	each,	$1 75
67,	" " " 3 " Needle " "	"	2 50
68,	" Bow Pencil, 3 " " " "	"	2 50
69,	" " Pen, 3 " " " "	"	2 50

Alteneder's Mathematical Instruments.

PATENT JOINT.

Fig. 1022. Fig. 1023. Fig. 1024. Fig. 1025. Fig. 1026 Fig 1027

70 and 71.

72 and 73.

74 and 75.

76 and 77

78

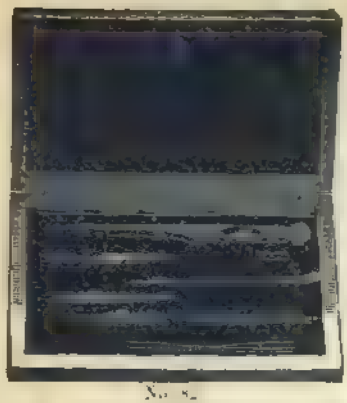
80

No. 70,	German Silver Dividers,	3½	inches,	Plain,	each,	$2 25
71,	" "	5	"	"	"	2 50
72,	" "	3½	"	Hair Spring,	"	3 50
73,	" "	5	"	"	"	4 00
74,	" "	3½	"	Fixed Needle Point and Pencil,	"	4 00
75,	" "	5½	"	" " "	"	5 00
76,	" "	3½	"	" " Pen,	"	4 00
77,	" "	5½	"	" " "	"	5 00
78,	" "	3½	"	Needle Point, Pen and Pencil	"	6 00
79,	" "	3½	"	" " " and Lengthening Bar,	"	6 75
80,	" "	5½	"	" " " " "	"	7 50

Nos. 74, 75, 76, 77, 78, 79 and 80 can be furnished with Patent Hair Spring Attachment on Needle Point Leg of Dividers; add for Hair Spring Attachment, " 1 50

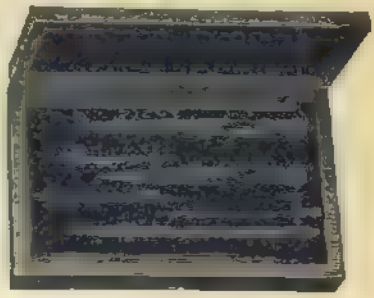
Brass Mathematical Instruments in Cases.

Fig. 1028.



No. 81.

Fig 1029



Nos. 83 and 84.

No. 81, Wood Box, containing One 4½-inch Divider, with Pen, Pencil Points, - - - per set, $0 75

82, " " " 4½ " " " " and Lengthening Bar, Ebony Handle Drawing Pen, Brass Protractor, Divided Rule, - - - " 1 00

83, Wood Box, containing One 4½ inch Divider, with Pen and Pencil Points and Lengthening Bar, One 2½ inch Plain Divider, Drawing Pen, Brass Protractor, Crayon Holder and Divided Rule, - - - - - - - " 1 25

84. Rosewood Box, containing One 5½ inch Divider, with Pen and Pencil Points and Lengthening Bar, One 4½ inch Plain Divider, Drawing Pen, Brass Protractor and Divided Rule, - " 1 75

85, Rosewood Box, containing One 6 inch Needle Point Divider, with Pen and Pencil Points and Lengthening Bar, One 4½-inch Plain Divider; One 3½-inch Needle Point Divider, with Pen and Pencil Points, Drawing Pen, Brass Protractor, Horn Protractor, Divided Rule, with Lock and Key, and the Instruments set in a Tray, so that Colors may be put below, " 4 00

Fig 1030

No. 87

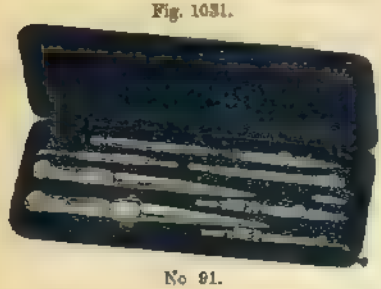
No. 86, Rosewood Box, containing One 6-inch Needle Point Divider, with Pen and Pencil Points and Lengthening Bar, One 4½-inch Plain Divider, One 3½-inch Needle Point Divider, with Pen and Pencil Points, Spring Bow Pen, with Needle Point, Drawing Pen, Brass Protractor, Horn Protractor, Divided Wood Rule, with Lock and Key. The Instruments set in a Tray, so that Colors may be put below, - - - - per set, $5 00

87, Rosewood Box, containing same as No. 86, with the addition of a pair of Proportional Dividers, has no Brass Protractor, but has Wood Triangle and Irregular Curves, - " 8 00

Mathematical Instruments in Cases.

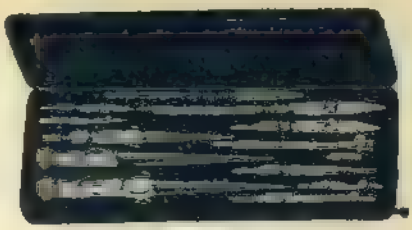
EXTRA FINE GERMAN SILVER.

Fig. 1031.



No. 91.

Fig. 1032.



No. 94.

No. 88 Morocco Case, contains One 5½-inch Divider, with Pen and Pencil Points, - - per set, $2 75
89, " " " 5½ " " " " and Lengthening Bar, One 5-inch Plain Divider, and One Drawing Pen, - - - " 3 75
90, Morocco Case, contains One 5½-inch Divider, with Pen, Pencil and Needle Points; One 5-inch Plain Divider, One Drawing Pen, Pencil Leads, - - " 4 50
91, Morocco Case, contains One 5½-inch Divider, with Pen, Pencil and Needle Points, and Lengthening Bar, One 5-inch Plain Divider, One Drawing Pen, and Pencil Leads, " 4 75
92, Morocco Case, contains One 5½-inch Plain Divider, with Pen, Pencil and Needle Points, One 5-inch Plain Divider; Two Drawing Pens, and Pencil Leads, - - - " 5 00
93, Morocco Case, contains One 5½-inch Divider, with Pen, Pencil and Needle Points, and Lengthening Bar, One 5-inch Plain Divider; One 4-inch Divider, with Pen, Pencil and Needle Points, One Drawing Pen, and Pencil Leads, - - - " 6 00
94, Morocco Case, contains One 5½-inch Divider, with Pen, Pencil and Needle Points, and Lengthening Bar, One 5-inch Plain Divider; One 4-inch Divider, with Pen and Pencil Points; Two Drawing Pens, and Pencil Leads, - - - - " 8 00

Fig. 1033

No. 95.

Fig. 1034

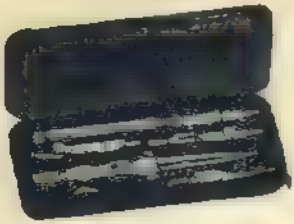
No. 96.

No. 95, Morocco Case, contains One 5½-inch Divider, with Pen, Pencil and Needle Points, and Lengthening Bar; One 5-inch Plain Divider; One Bow Pen; One Drawing Pen, and Pencil Leads, - - - - - - - per set, $8 00
96, Morocco Case, contains One 5½-inch Divider, with Pen, Pencil and Needle Points, and Lengthening Bar, One 5-inch Plain Divider; One 4-inch Divider, with Pen, Pencil and Needle Points, One Spacing Divider, One Bow Pen, One Bow Pencil, Two Drawing Pens, and Pencil Leads, - - - - - - - " 10 00
97, Morocco Case, contains One 5½-inch Divider, with Pen, Pencil and Needle Points, and Lengthening Bar; One 5-inch Plain Divider, One 5-inch Hair Spring Divider, One 4-inch Divider, with Pen, Pencil and Needle Points, One Spacing Divider, One Bow Pen; One Bow Pencil; Two Drawing Pens, and Pencil Leads, - - " 12 00

Mathematical Instruments in Cases.

EXTRA FINE GERMAN SILVER ALTENEDER PATTERN JOINTS.

Fig. 1035



No. 98.

Fig. 1036

No. 100.

No. 98. Morocco Case, contains One 4-inch Alteneder Pattern Divider, with Pen, Pencil and Needle Points; One Drawing Pen, and Pencil Leads, - - - - per set, $6 00

99. Morocco Case, contains One 5½-inch Alteneder Pattern Divider, with Pen, Pencil and Needle Points and Lengthening Bar; One Drawing Pen, and Pencil Leads, - - " 7 50

100. Morocco Case, contains One 5½-inch Alteneder Pattern Divider, with Pen, Pencil and Needle Points and Lengthening Bar, One 5½-inch Alteneder Pattern Hair Spring Divider, One Drawing Pen, and Pencil Leads, - - - - " 10 00

Fig. 1037

No. 101.

Fig. 1038.

No. 102

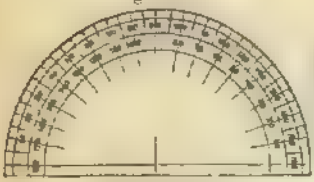
No. 101. Morocco Case, contains One 5½-inch Alteneder Pattern Divider, with Pen, Pencil and Needle Points and Lengthening Bar; One 5-inch Alteneder Pattern Hair Spring Divider, One Spacing Divider, One Bow Pen, One Bow Pencil; Two Drawing Pens, and Pencil Leads, - - - - - - - - per set, $12 50

102. Morocco Case, contains One 5½-inch Alteneder Pattern Divider, with Pen, Pencil and Needle Points and Lengthening Bar, One 5-inch Alteneder Pattern Plain Divider, One 4½-inch Alteneder Pattern Divider, with Needle and Pen Points; One 4½-inch Alteneder Pattern Divider, with Needle and Pencil Points; One Spacing Divider, One Bow Pen, One Bow Pencil; Two Drawing Pens, and Pencil Leads, - - - - " 17 50

Protractors.

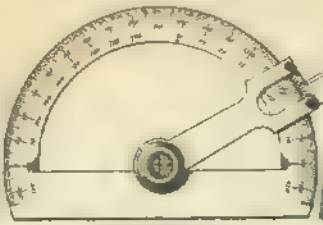
HORN, BRASS AND GERMAN SILVER.

Fig 1039



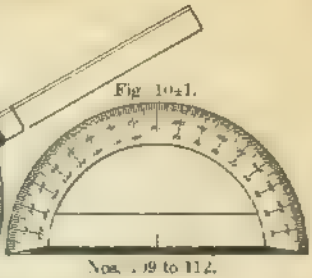
Nos. 104 to 108

Fig 1040.



Nos. 113 to 110

Fig 1041.

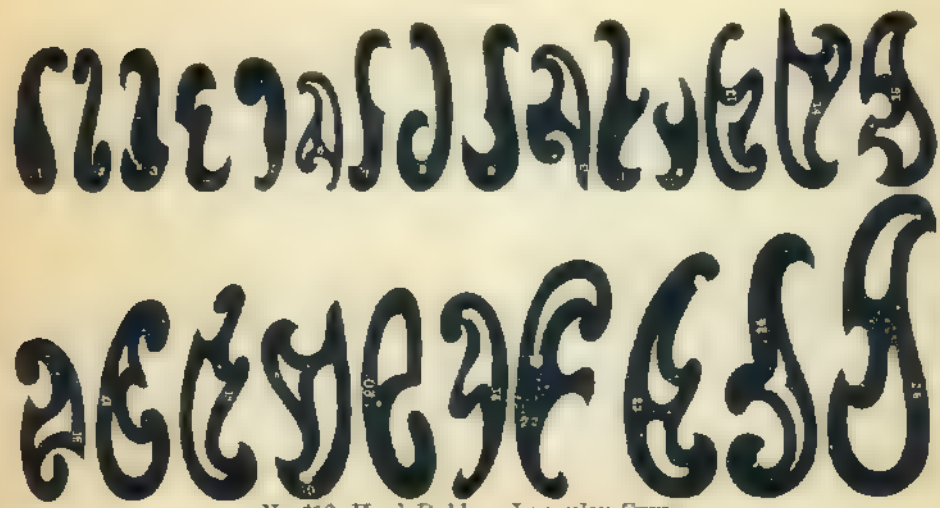


Nos. 109 to 112.

No. 103,	Horn Protractor, 8 inches diameter, for Railroad Curves, having laid off on it, 23 Curves, from ½ degree to 8 degrees, Scale 400 feet to the inch,							each,	$ 1 60
104,	Horn Protractor, 4 inches diameter, Semi-circular, Whole Degrees,							"	15
105,	" " 5 " "	Half	"					"	25
106,	" " 6 " "	"	"					"	30
107,	" " 7 " "	"	"					"	50
108,	" " 8 " "	"	"					"	80
109,	Brass " 4 " "	Whole	"					"	15
110,	Ger. Silver " 4 " "	"	"	Beveled Edge,				"	50
111,	" " 5 " "	Half	"	"				"	85
112,	" " 6 " "	"	"	"				"	1 00
113,	" " 5½ " "	Half Degrees, with Vernier reading to 3 min.						"	11 00
114,	" " 8 " "	Quarter	"	"	"	1 "	"	"	14 00
115,	" " 10 " "	"	"	"	"	1 "	"	"	18 00

Curves.

Fig. 1042.



No. 116, Hard Rubber, Irregular Curves.

Shape No.	1	2	3	4	5	6	7	8	9	10	11	12	13
Each,	$0 25	0 30	0 30	0 35	0 35	0 35	0 45	0 45	0 45	0 50	0 45	0 30	0 45

Shape No.	-	14	15	16	17	18	19	20	21	22	23	24	25
Each,	-	$0 55	0 50	0 50	0 60	0 70	0 70	0 60	0 65	0 70	0 85	1 00	1 20

DIRKS.

All with Stitched Leather Sheaths.

Fig. No. D6756.

Fig. No. D6757

	PER DOZEN.
No. B271—**Ivoriine Handle,** 4½ in. Blade, .	$15.75
No. B268 Stag Handle, 4½ in. Blade,	$11.25

Fig. No. D6759.

Fig. No. D6758

	PER DOZEN.
No. B270 Stag Handle, 1⅝ in. Blade, .	$13.50
No. B272—**Pearl Handle,** 5 in. Blade, .	$27.00

Fig. No. D6760

Fig. No. D6761

No. 300.	PER DOZEN.
No. 300 Pearl Handle, 4 in Blade, . .	$22.50
No. 200—**Bone Handle,** 4 in. Blade, . .	9.00
No. 100—**Buff Handle,** 4 in. Blade, . .	9.00

No. 1003.	PER DOZEN.
No. 1003 Buff Handle, Pearl Inlaid, 6 in. Blade,	$15 00
No. 1004—**Bone Handle,** 6 in. Blade, . .	12.00
No. 1004½—**Stag Handle,** 5 in. Blade, .	10.90
No. 1004½—**Stag Handle,** 6 in. Blade, .	12.00

BOWIE KNIVES.

Fig. No D6762

No. 1000—Scale Tang, **Stag Handle,** . .	Inches,	5	6	7	8	9
	Per dozen,	$10.50	11.25	12 75	14.75	18 00

Fig No D6763

No. 1002 Dirk Point, Scale Tang, Stag Handle, Heavy Back, ...	Inches,	5	6	7	8
	Per dozen,	$10 50	11.25	12.75	15.75

Fig. No. D6764

No. 1001—Solid Stag Handle, . . .	Inches,	5	6	7	8
	Per dozen,	$12.50	13.50	16 25	18.00

One-half Dozen in a Box.

SIMMONS HARDWARE COMPANY

BUTCHER KNIVES.

Fig. No. D6740

No. 70451—Cocoa Handle, Scale Tang.

Inches,	6		7
Per dozen,	$3.00		3.75

Fig. No. D6747

No. 1525 Cocoa Handle, Scale Tang

Inches,	6	6½	7
Per dozen,	$4.65	6.40	7.15

Fig. No. D6749

No. 918—Solid Cocoa Handle.

Inches,	6	7	8	10
Per dozen,	$4.50	4.65	6.75	11.25

Fig. No. D6748

PER DOZEN.

No. 01512—Cocoa Handle, Solid Bolster, **6 in. Blade,** $8.25

Fig. No. D6750

Royal.

Royal=Solid Cocoa Handle,

Inches,	5	5½	6	6½	7	8	9	10	12
Per dozen,	$4.50	4.99	5.65	6.00	6.75	8.25	9.00	11.25	15.00

Fig. No. D6751

Keen Kutter.

Keen Kutter=Cocoa Handle, **Butcher's,**

Inches,	5	5½	6	6½	7	8	9	10	12
Per dozen,	$1.90	3.25	6.00	6.75	7.50	9.00	10.50	12.00	15.75

Keen Kutter=Cocoa Handle, **Skinning,**

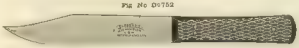
Inches,	6	7
Per dozen	$6.75	7.50

PER DOZEN.

Keen Kutter =Cocoa Handle, **Sticking, 6 in. Blade,** $6.00

HUNTING KNIVES.

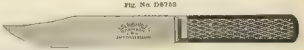
Fig. No. D6752



No. 70442 Scored Ebony Handle.

Inches,	6	7	8
Per dozen,	$2.25	3.00	3.75

Fig. No. D6753



PER DOZEN.

No. 7117 Scored Ebony Handle, **6 in. Blade,** $3.00

Fig. No. D6754

PER DOZEN.

No. 7833—Scored Ebony Handle, **6 in. Blade,** $9.00

Fig. No. D6755

PER DOZEN.

Keen Kutter—Extra Heavy Scored Ebony Handle, **6 in. Blade,** $18.00

One-half Dozen in a Box.

FAHYS' 16 SIZE MONARCH 14 K GOLD FILLED CASES.

FITTING THIN MODEL WALTHAM MOVEMENTS.

Guaranteed to Wear Twenty-one Years.

Knurled Centre.

No. 1087. 16 Size. Open Face.....$20.00
No. 1088. 16 " Hunting 22.00

Vermicelli Centre.

No. 1089. 16 Size. Open Face $21.00
No. 1090. 16 " Hunting 23.00

Vermicelli Centre.

No. 1091. 16 Size. Open Face..... .....$22.00
No. 1092. 16 " Hunting 25.00

Vermicelli Centre.

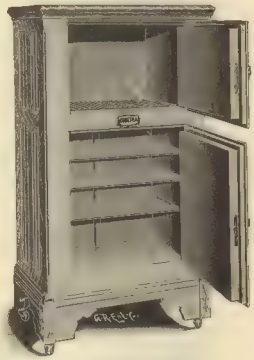
No. 1093. 16 Size. Open Face.....$22.00
No. 1094. 16 " Hunting 25.00

SIBERIA REFRIGERATORS.

IMPROVED.

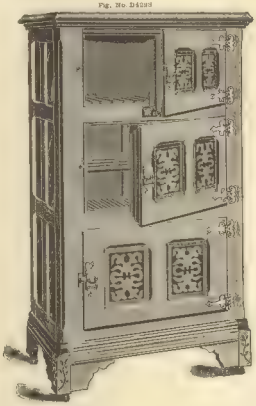
Antique Oak Finish, Handsomely Carved, Polished Brass Trimmings, Solid Metal Shelves, Triple Walled, Charcoal Filled, Elegant in Finish.

Fig. No. D4982



Cut showing Style No. 102.

Fig. No. D4983



Cut showing Style No. 103.

Single Doors, with Upper Door Opening to Ice Chamber.

Nos. 100 and 101 have only two Shelves

Nos.,	100	101	102
Size of Ice Chamber, in.,	16 x 12 x 14	20 x 12 x 14	23 x 14 x 16
Length, in.,	26¼	30½	33½
Depth, in.,	20¼	20¼	22½
Height, in.,	50	55	60
Weight, lbs.,	175	200	230
Each=	$18.00	22.00	26.00

This style is designed for use in apartment houses where room is valuable, and a Refrigerator is required taking as small a floor space as possible. These numbers are made for this purpose and are larger in height than the ordinary styles.

Single Doors, with Two Doors to Provision Chamber.

No.,	103
Size of Ice Chamber, in.,	24 x 18 x 18½
Length, in.,	36
Depth, in.,	21
Height, in.,	68
Weight, lbs.,	300
Each=	$34.00

This style differs from Nos. 100, 101 and 102 only in having the Provision Chamber provided with **two** doors, and in being made larger in size.

SIBERIA REFRIGERATORS.

IMPROVED.

Antique Oak Finish, Handsomely Carved, Polished Brass Trimmings, Solid Metal Shelves, Triple Walled, Charcoal Filled, Elegant in Finish.

Single Doors.

Nos.,	000	00	0	1	2
Size of Ice Chamber, in.,	13x9½x8½	14x11x9	15x12x10	18x14x10½	22x14x12
Length, in.,	24	25	26	29	33
Depth, in.,	15	17	18	19	20
Height, in.,	39	42	44	45½	47
Weight, lbs.,	110	125	135	160	185
Each	$11.00	13.00	16.00	18.00	22.00

This style is designed for small families, takes but little room, and is a gem. It is put up in five sizes, and meets the requirements of those who desire a small, first-class article.

Fig No. D4230

Cut showing Styles Nos. 000, 00, 0, 1, 2.

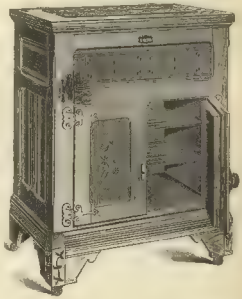
Single Doors.

Double Doors.

Nos.,	3	4
Size of Ice Chamber, in.,	24 x 14 x 12	26 x 16 x 12
Length, in.,	35½	37½
Depth, in.,	21	23
Height, in.,	47½	49
Weight, lbs.,	220	230
Each	$25.00	28 00

These are very desirable styles and sizes, having sufficient capacity to meet the requirements of a majority of small families.

Fig No. D4231



Cut showing Styles Nos. 3 and 4.

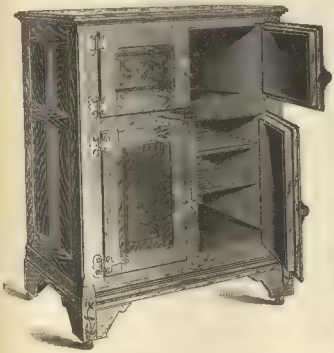
Double Doors.

SIBERIA REFRIGERATORS.

IMPROVED.

Antique Oak Finish, Handsomely Carved, Polished Brass Trimmings, Solid Metal Shelves, Triple Walled, Charcoal Filled, Elegant in Finish.

Fig No D4226



Cut showing Style No. 07.

Fig No D4227

Cut showing Style No. 10.

Two Provision Chambers.

No.,	07
Size of Ice Chamber, in ,	35 x 21 x 16½
Length, in., .	46
Depth, in , .	28
Height, in ,	57½
Weight, lbs.,	400
Each=	$42 00

This style is designed for parties requiring a large size, such as Boarding Houses, Hotels, etc., etc. It has a very large Ice Chamber, easy of access, two large Provision Chambers, and is in every way adapted to a large class of customers requiring a first-class article. The Ice Chamber in this style being large, makes it very convenient for storing many articles for cooling purposes. The Provision Chambers are always dry, pure and sweet, if properly cared for.

Grocers' Refrigerator, for Grocers, Hotels, Boarding Houses, Etc.

No.,	10
Size of Ice Chamber, in.,	39 x 25 x 16
Length, in.,	50
Depth, in.,	33
Height, in.,	69½
Weight, lbs.,	540
Each=	$55.00

This size and style of Refrigerator is especially designed for Grocers and Hotels, and meets the requirements of a large class of customers that require a Refrigerator larger than our No. 07. It is made in antique finish, filled and finished with shellac and coach varnish, the same as all our other styles. It has adjustable shelves or racks made of ash or maple, patent floor plates and malleable removable casters

SIBERIA REFRIGERATORS.

IMPROVED.

Antique Oak Finish, Handsomely Carved, Polished Brass Trimmings, Solid Metal Shelves. Triple Walled, Charcoal Filled, Elegant in Finish.

Fig. No. D4294.

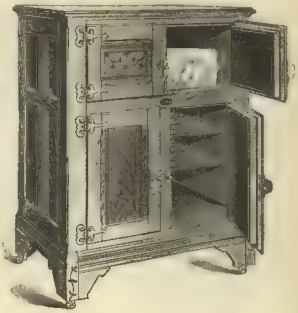
Cut showing Style No. 5.

Two Provision Chambers.

No.,	5
Size of Ice Chamber, in.,	28 x 17 x 14
Length, in.,	30½
Depth, in.,	24¾
Height, in.,	50
Weight, lbs.,	290
Each=	$32.00

Is especially adapted for small Boarding Houses and large or medium sized families, the two Provision Chambers render it very convenient. The door at either chamber can be opened without interfering with the other, thus saving the cold air, making it economical in the use of ice. It is an established fact that the larger sizes take but little more ice than the smaller, from the fact that a larger body melts much slower than a smaller one, and cools a greater volume of air.

Fig. No. D4295.



Cut showing Style No. 06.

Two Provision Chambers.

No. 05 is same without partition between Doors.

Nos.,	05	06
Size of Ice Chamber, in.,	25½ x 16 x 15	29 x 16 x 15
Length, in.,	37	41
Depth, in.,	22¾	22¾
Height, in.,	48¾	48¾
Weight, lbs.,	230	300
Each=	$32.00	36.00

Have large ice and provision chambers. They differ from our regular styles, having solid tops, the upper doors opening to the ice chamber instead of having the lid on top.

SIBERIA REFRIGERATORS.

With Water Coolers.

Antique Oak Finish, Handsomely Carved, Polished Brass Trimmings, Solid Metal Shelves, Triple Walled, Charcoal Filled, Elegant in Finish.

Fig. No. D4930.

Cut showing Styles Nos. 20, 21 and 22, with Coolers

Fig. No. D4931.

Cut showing Styles Nos. 23, 24 and 25.

Polished Brass Faucets and Porcelain Lined Water Coolers.

Nos.,	20	21	22
Size of Ice Chamber, in.,	11 x 12 x 10	14 x 14 x 10½	18 x 14 x 12
Length, in.,	26	29	33
Depth, in.,	18	19	20
Height, in.,	44	45½	47
Weight, lbs.,	113	170	185
Each=	$19.00	22.00	26.00

Polished Brass Faucets and Porcelain Lined Water Coolers.

Nos.,	23	24	25
Size of Ice Chamber, in.,	20 x 14 x 12	21 x 16 x 12	23 x 17 x 14
Length, in.,	35½	37½	39
Depth, in.,	21	23	24
Height, in.,	47½	49	50
Weight, lbs.,	230	250	300
Each=	$29.00	32.00	37.00

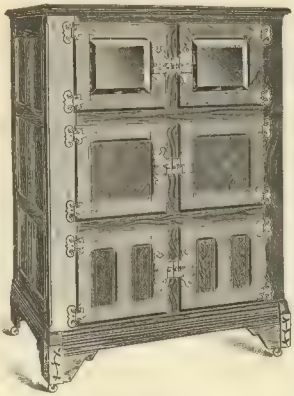
The Nos. 23 and 24 do not have the partition between the double doors, but are same as Styles 3 and 4, on page 939.

SIBERIA REFRIGERATORS.

IMPROVED.

Antique Oak Finish, Handsomely Carved, Polished Brass Trimmings, Triple Walled, Charcoal Filled, Elegant in Finish.

Fig. No. D4928



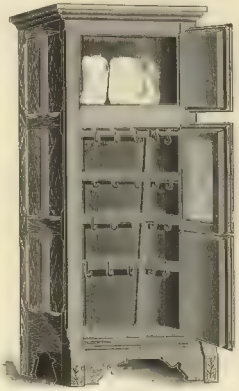
Cut showing Style No. 11.

Grocers' Refrigerator, with Glass Doors, for Grocers, Hotels, Boarding Houses, Etc.

No.,	**11**
Size of Ice Chamber, in ,	39 x 25 x 16
Length, in.,	50
Depth, in.,	33
Height, in.,	69½
Weight, lbs.,	560
Each=	$75.00

This Refrigerator has same dimensions as No. 10. It has six doors, however, instead of four. The two ice doors having fine bevel French plate mirrors. The middle doors have panels of glass.

Fig. No. D4929



Cut showing Style No. 150.

Butchers' Refrigerator.

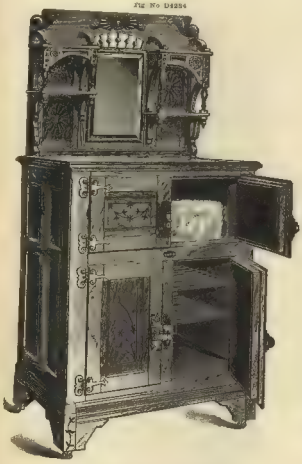
No.,	**150**
Size of Ice Chamber, in.,	27 x 33 x 20
Length, in.,	41
Depth, in.,	40
Height, in.,	96
Weight, lbs.,	900
Each=	$75.00

This style and size is especially designed for Grocers and Butchers. It is made of ash, beautifully carved, grain of wood filled and finished in antique with shellac and coach varnish, the same as all our other styles. It has our patent floor plates, and our patent malleable, removable, self-retaining casters; our new drip cup; solid brass locks and hinges. It has three doors, one for the ice chamber and two for the provision chamber. The center door has a panel of glass. The provision chamber has rows of hooks for butchers' use, as shown in cut, or with shelves in place of hooks for grocers' use, if so ordered. We make but one size of this style.

SIBERIA REFRIGERATORS.

Antique Oak Finish, Handsomely Carved. Polished Brass Trimmings, Solid Metal Shelves, Triple Walled, Charcoal Filled, Patent Drip Cups, Elegant in Finish.

Fig No 24234



Cut showing Styles Nos. 050 and 060.

Fig No 24235

Cut showing Style No. 36.

Fine Beveled French Plate Mirror in Sideboard.

Nos.,	050	060
Size of Ice Chamber, in.,	25 x 16 x 15	29 x 16 x 15
Length, in.,	37	41
Depth, in.,	22½	22½
Height, including Sideboard, in.,	79	79
Weight, lbs.,	280	350
Each	$50.00	54 00

Dining Room Refrigerator and Sideboard.

Fitted with Porcelain Lined Water Coolers and Polished Brass Faucets. Fine Beveled French Plate Mirror and Fitted with Drawers.

No.,	36
Size of Ice Chamber, in.,	18 x 16 x 16
Length, in.,	46
Depth, in.,	24
Height, including Sideboard, in.,	84
Weight, lbs.,	350
Each	$60 00

No. 26=Same Description as No. 36, except **without Sideboard,** Height 48 in., EACH $42.00

SIBERIA REFRIGERATORS.

Improved, with Sideboards and Water Coolers.

Antique Oak Finish, Handsomely Carved Polished Brass Trimmings, Solid Metal Shelves, Triple Walled, Charcoal Filled, Elegant in Finish.

Fig. No. D4833.

Cut showing Style No. 32.

Fig. No. D4233.

Cut showing Styles Nos. 33, 34 and 35.

Fine Beveled French Plate Mirror in Sideboards. Fitted with Porcelain Lined Water Coolers and Polished Brass Faucets.

Single Doors.

	Weight	Size of Ice Chamber.	Length.	Depth.	Height Including Sideboard.	EACH.
No. 32	230 lbs.	18 x 14 x 12 in.	33 in.	20 in.	76 in.	$28.00
No. 032 With Sideboard, same as No 32, except **without Cooler and Faucet,**						32.00

Double Doors.

	Weight	Size of Ice Chamber.	Length.	Depth.	Height Including Sideboard.	EACH
No. 33	265 lbs.	20 x 14 x 12 in.	35½ in.	21 in.	76 in	$40 50
No. 34=	295 lbs.	21 x 16 x 12 in.	37½ in.	23 in.	77 in.	43 50
No. 35—	345 lbs.	23 x 17 x 14 in.	39½ in.	24½ in.	78 in.	51 50
No. 033 With Sideboard, same as No. 33, except **without Cooler and Faucet,**						36 50
No. 034—With Sideboard, same as No. 34, except **without Cooler and Faucet,**						39 50
No. 035=With Sideboard, same as No. 35, except **without Cooler and Faucet,**						46 50

SIBERIA ICE CHESTS.

IMPROVED.

Antique Oak Finish, Handsomely Carved, Polished Brass Trimmings, Solid Metal Shelves.

Triple Walled, Charcoal Filled, Elegant in Finish.

Fig. No. D4339.

Cut showing Styles Nos. 39, 40, 41, 42, 43 and 44.

Nos.,	39	40	41	42	43	44
Length, inches,	30	32	34	36	41	45
Depth, inches,	20	21	21	23	25	30
Height, inches,	26	28	32	36	41	42
Weight, lbs.,	90	100	125	160	200	260
Each—	8 00	10 00	12 00	15 00	18 00	20 00

Our **Siberia Ice Chests** are made of hardwood, antique finish, and are neatly carved and finished with shellac and coach varnish, and are first-class in every respect. No other ice chests in the market will compare with them in style or finish.

Our Ice Chests are made with inside cases, and lined in the same manner as our Refrigerators. These Chests answer every purpose for keeping a cold atmosphere, but there being no circulation, the air is damp and will not preserve meats, etc., equal to dry atmosphere, as in our regular Refrigerators.

SIMMONS HARDWARE COMPANY

SIBERIA REFRIGERATORS.

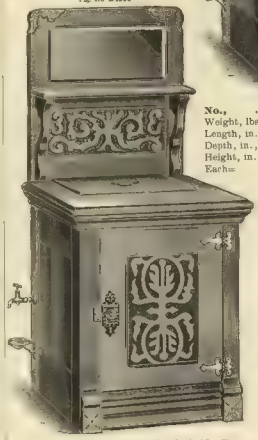
For Nursery.

Fig. No D4257.

Cut showing Style No. A.

No.,	A
Weight, lbs.,	75
Length, in.,	19
Depth, in.,	19
Height, in.,	23
Each=	$12 00

Fig. No D4236



Cut showing Style No. B.

Same as Style No. A, with Sideboard attached

	Weight.	Length.	Depth.	Height.	EACH.
No. B= .	87 lbs.	19 in.	19 in.	41 in.	$15.50

A Combination Water Cooler and Refrigerator and a great convenience for use in the Nursery or Sick Room. Is also very convenient for keeping Wine or Beer cool and ready for use. Has a Porcelain Lined Tank for Ice and Drinking Water and is Trimmed and Finished in the same Superior Style as our other Regular Styles of Refrigerators.

Fig. No D4258

Cut showing Style No. C.

	Weight.	Length.	Depth.	Height.	EACH.
No. C= .	130 lbs.	19 in.	19 in.	63 in.	$21.00

Above style is same as No. A, with Sideboard and Cabinet attached The Cabinet has two drawers for storing small articles, and also has a slide which pulls out and forms a shelf. This Refrigerator is very convenient and occupies only a small space.

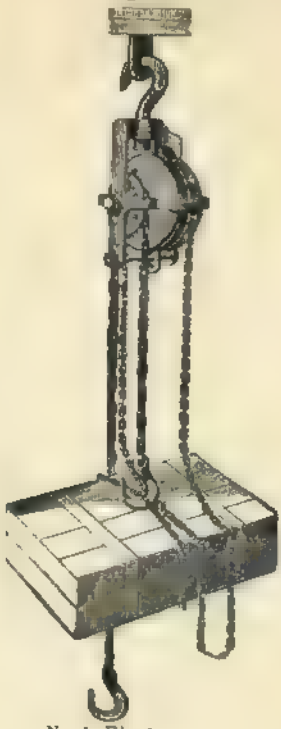
Pulley Blocks or Hoists.

WESTON'S TRIPLEX.

Fig. 1777.

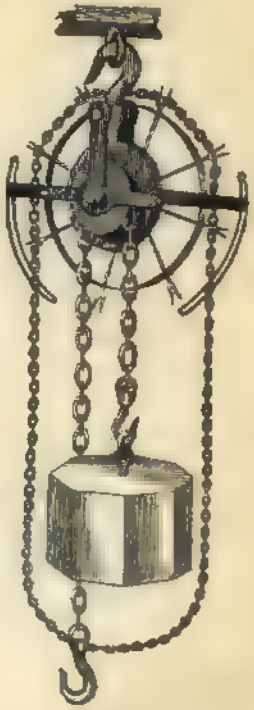
EADES' DIFFERENTIAL.

Fig. 1778.



No. 1, Direct.

Fig. 1779



No. 3, Geared, with Sprocket Wheel.

Weston's Direct

Capacity,	Tons,	½	1	1½	2
Complete,	Each,	$30 00	40 00	50 00	60 00
*Will Hoist,	Feet,	8	8	8	9
Extra Hoist,	Per Foot,	$1 25	1 50	1 75	2 00
Weight, each,	Pounds,	55	90	120	150

With the "Triplex" one man can lift 2,000 pounds. They hold the load at any point, and can not run down

Eades' Differential

		No. 1, Direct.							No. 3, Geared, with Sprocket Wheel.					
Capacity,	Tons,	½	¾	1	1½	2	3	4	3	4	5	6	8	10
Complete,	Each,	$13 00	15 00	20 00	25 00	30 00	40 00	60 00	$60 00	80 00	110 00	150 00	210 00	275 00
*Will Hoist,	Feet,	7	7	8	9	10	10	11	10	11	12	13	14	16
Extra Hoist,	Per Foot,	$0 90	1 10	1 40	1 55	1 70	1 90	2 10	1 90	2 10	2 30	2 50	2 90	3 25
Weight, each,	Pounds,	23	28	45	70	103	163	210	1 50	2 14	2 78	3 86	4 50	5 25
Diameter of Sprocket Wheel,	Inches,								30	33	38	39	42	43

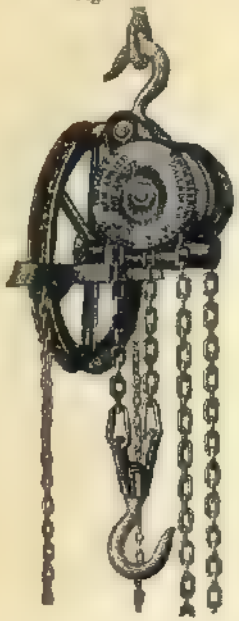
With the "Eades'" one man can lift 2,000 pounds. They hold the load at any point, and can not run down.

*Figures denote approximate heights which Blocks with regular lengths of Chain will hoist, from level on which operator stands.

Pulley Blocks or Hoists.

HARRINGTON'S SCREW.

Fig. 1780



SPRAGG'S

Fig. 1781.

Harrington's Patent, Portable Screw Hoist.

Capacity,	Tons,	½	½	1	1½	2	3	4	5	6	8	10
Complete,	Each,	$22 50	25 00	30 00	40 00	55 00	75 00	95 00	140 00	190 00	260 00	340 00
*Will Hoist,	Feet,	8	8	8	8	9	10	10	12	12	12	12
Extra Hoist,	Per Foot,	$ 1 00	1 20	1 50	1 75	2 00	2 20	2 40	3 00	3 75	4 75	6 00
Weight,	Pounds,	35	52	65	76	140	226	258	625	750	875	925

With the "Harrington" one man can lift 2,000 to 4,000 pounds, it will hold the load at any point, and cannot run down.

*Figures denote approximate heights, which Blocks with regular lengths of chain will hoist above level on which operator stands.

Harrington's Patent, Quick-Lift Screw Hoists.

Capacity, - - - - -	Tons,	½	1	1½
Complete, - - - -	Each,	$25 00	30 00	40 00
*Will Hoist, - - - -	Feet,	8	8	6
Extra Hoist, - - - -	Per Foot,	$ 1 20	1 50	1 75
Weight, - - - - -	Pounds,	52	65	76

This Hoist is made on same principle as the above, but arranged for more rapid work, more power is required to lift the load, but they are made sufficiently strong to sustain any required weight.

*Figures denote approximate heights, which Blocks with regular lengths of chain will hoist from level on which operator stands.

Spragg's Patent Hoists

	Number,	10	12	14	16	18	20
Capacity, - -	Pounds,	500	700	1000	1500	2500	3500
	Each,	$3 00	3 75	4 25	5 00	6 00	12 00

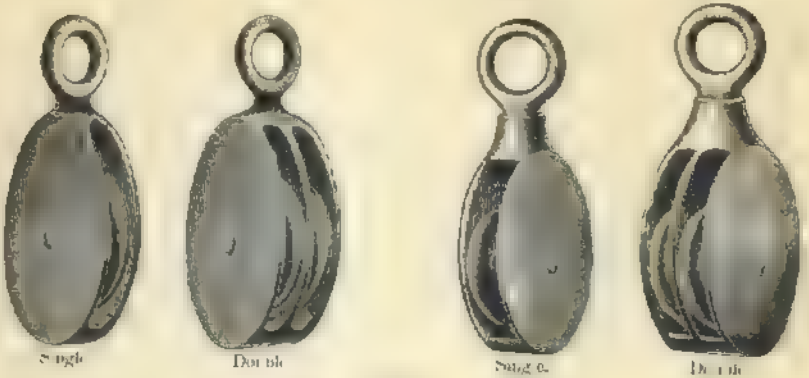
These prices do not include rope; the height of hoist is limited only by the length of rope used.

Awning Blocks.

GALVANIZED MALLEABLE IRON.

With Solid Eye. With Swivel Eye.

Fig. 1783. Fig. 178[illegible] Fig. 1784. Fig. 1785



Single. Double. Single. Double.

Single

	Nos.	0	1	3	5	7
Solid Eye,	Per Dozen,	$0 75	1 00	1 75	2 75	4 00
Swivel Eye,	"	75	1 00	1 75	2 75	4 00
Length of Shell,	Inches,	1	1⅜	1¾	2	2¼
Diameter of Rope,	"	½	¼	5/16	⅜	½

Double

	Nos.	00	2	4	6	8
Solid Eye,	Per Dozen,	$1 00	1 50	2 25	3 50	5 00
Swivel Eye,	"	1 00	1 50	2 25	3 50	5 00
Length of Shell,	Inches,	1	1⅜	1¾	2	2¼
Diameter of Rope,	"	½	¼	5/16	⅜	½

With Loose Hooks.

Fig. 1786. Fig. 1787

Single. Double.

Single

	Nos.	0	1	3	5	7	9	11
	Per Dozen,	$2 75	3 00	3 75	4 75	6 00	7 00	7 50
Length of Shell,	Inches,	1	1⅜	1¾	2	2¼	3	3¼
Diameter of Rope.	"	½	¼	5/16	⅜	½	7/16	½

Double.

	Nos.	00	2	4	6	8	10	12
	Per Dozen,	$3 00	3 50	4 25	5 50	7 00	8 00	8 75
Length of Shell,	Inches,	1	1⅜	1¾	2	2¼	3	3¼
Diameter of Rope,	"	½	¼	5/16	⅜	½	7/16	½

Awning and Tackle Blocks.

GALVANIZED MALLEABLE IRON.

Awning, with Loose Hooks and Beckets. Tackle, with Hooks.

Fig. 1788.

Single.

Fig. 1789.

Double.

Fig. 1790.

Single.

Fig. 1791.

Double.

Single Awning, with Loose Hooks and Beckets.

	Nos.	0	1	3	5	7	9	11
	Per Dozen,	$2 75	3 00	3 75	4 75	6 00	7 00	7 50
Length of Shell,	Inches,	1	1⅛	1¼	2	2¼	3	3¼
Diameter of Rope,	"	¼	¼	5/16	⅜	⅜	7/16	½

Double Awning, with Loose Hooks and Beckets.

	Nos.	00	2	4	6	8	10	12
	Per Dozen,	$3 00	3 50	4 25	5 50	7 00	8 00	8 75
Length of Shell,	Inches,	1	1⅛	1¼	2	2¼	3	3¼
Diameter of Rope,	"	¼	¼	5/16	⅜	⅜	7/16	½

PATENT TACKLE BLOCKS.

With Galvanized Iron Sheaves, and Steel Pins, Wrought Iron Hooks and Straps.

Single.

	Nos.	5	7	9	11	13	15	17
	Each,	$0 30	0 45	0 85	0 95	1 10	1 20	1 65
Diameter of Sheave,	Inches,	1½	2	2½	2½	3	3½	4½
Thickness "	"	⅜	½	½	⅝	¾	1	1¼
Length of Shell,	"	2½	3	4	4½	5	6	7
Diameter of Rope,	"	¼	⅜	½	⅝	¾	⅞	1

Double.

	Nos.	6	8	10	12	14	16	18
	Each,	$0 50	0 70	1 25	1 50	1 75	2 40	3 75
Diameter of Sheave,	Inches,	1½	2	2½	2½	3	3½	4½
Thickness "	"	⅜	½	½	⅝	¾	1	1¼
Length of Shell,	"	2½	3	4	4½	5	6	7
Diameter of Rope,	"	¼	⅜	½	⅝	¾	⅞	1

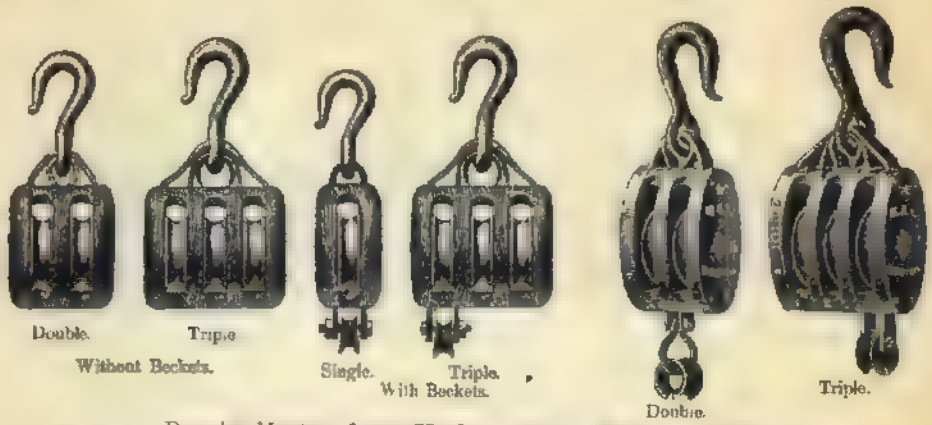
Double Blocks furnished with Beckets, when so ordered.

Pulley Blocks.

WOOD, IRON STRAPPED.

Regular Mortise. Wide Mortise.

Fig. 1792. Fig. 1793. Fig. 1794. Fig. 1795. Fig. 1796. Fig. 1797



Regular Mortise, Loose Hooks, with or without Beckets.

Length of Shell	Diam. of Rope.	Size of Sheave	Width of Mortise.	COMMON BUSHED. Single.	Double.	Triple.	ROLLER BUSHED. Single.	Double	Triple.	METALINE BUSHED Single.	Double.	Triple.
3 in.	½ in.	1¼x ½x¾	9/16 in.	$0 70	$1 30	$1 75	$1 10	$2 00	$2 90	.....	.....	.....
3½ "	⅝ "	2 x ½x⅝	11/16 "	75	1 45	2 00	1 15	2 20	3 15	.....	.....	.....
4 "	½ "	2¼x ¾x⅞	13/16 "	85	1 60	2 15	1 20	2 25	3 25	$1 50	$2 90	$4 15
5 "	⅝ "	3 x ⅞x¾	⅞ "	90	1 75	2 25	1 25	2 35	3 50	1 75	3 35	4 75
6 "	¾ "	3½x1 x⅞	1 "	1 10	2 00	2 90	1 50	2 85	4 40	2 20	4 00	5 80
7 "	⅞ "	4½x1 x½	1⅛ "	1 30	2 40	3 50	1 70	3 35	5 30	2 50	4 50	6 70
8 "	1 "	4¾x1½x⅞	1¼ "	1 65	2 85	4 25	2 20	4 15	6 00	3 25	5 70	8 50
9 "	1 "	5½x1½x⅝	1⅜ "	1 85	3 40	4 75	2 50	4 70	7 25	3 70	6 75	10 00
10 "	1⅛ "	6½x1¾x¾	1½ "	2 75	4 50	6 25	3 50	6 60	8 50	4 75	8 50	12 50
11 "	1¼ "	7⅛x1½x⅞	1⅝ "	4 45	7 50	10 65	5 30	9 20	13 20	6 75	12 50	18 50
12 "	1¼ "	8 x1¾x1	1½ "	4 45	7 50	10 65	5 30	9 20	13 20	6 75	12 50	18 50
13 "	1½ "	9 x1½x¾	1½ "	7 00	10 50	15 00	8 15	12 80	18 45	9 75	17 00	25 00
14 "	1⅝ "	9½x1⅞x¾	1⅝ "	7 00	10 50	15 00	8 15	12 80	18 45	9 75	17 00	25 00
15 "	1⅝ "	10 x1⅝x⅞	1¾ "	8 00	13 00	18 00	9 25	15 50	21 75	11 00	19 50	28 50
16 "	1⅝ "	11 x1⅝x⅞	1⅞ "	10 00	15 00	22 00	11 50	18 00	26 50	.....	.....	.....

Wide Mortise, Loose Hooks, with Beckets.

Length of Shell	Diam. of Rope.	Size of Sheave.	Width of Mortise.	COMMON BUSHED. Single.	Double.	Triple.	ROLLER BUSHED. Single	Double.	Triple.	METALINE BUSHED. Single.	Double.	Triple.
7 in.	1 in	4½x1⅛x½	1¼ in.	$2 25	$4 00	$5 50	$3 00	$5 50	$7 75	.....	.....	.....
8 "	1⅛ "	4¾x1⅛x⅝	1½ "	2 75	4 50	6 30	3 50	6 00	8 55	$5 00	$ 9 00	$13 00
9 "	1⅛ "	5¾x1¼x⅝	1½ "	3 15	5 25	7 25	4 00	6 95	9 80	5 75	10 50	15 00
10 "	1⅛ "	6½x1½x⅞	1⅝ "	4 00	6 50	8 50	5 25	9 00	12 25	7 25	13 50	19 00
11 "	1½ "	7 x1¾x⅞	1¾ "	5 25	8 50	12 50	6 50	11 00	16 25	9 25	17 00	25 00
12 "	1¼ "	8 x1⅞x⅞	1⅞ "	5 25	8 50	12 50	6 50	11 00	14 25	9 25	17 00	25 00
13 "	1½ "	9 x1¾x⅞	1⅞ "	8 00	13 00	17 00	9 75	16 50	22 25	12 00	23 50	33 00
14 "	1⅝ "	9½x1⅞x⅞	2 "	8 00	13 00	17 00	9 75	16 50	22 25	12 00	23 50	33 00
15 "	1⅝ "	10 x1⅞x⅞	2 "	9 00	15 00	20 00	11 00	19 00	26 00	15 00	26 50	37 00
16 "	2 "	11 x2⅛x⅞	2¼ "	11 50	18 00	28 00	14 00	23 00	35 50	18 00	32 00	48 00

All Common Bushed and Roller Bushed Blocks furnished with Lignum-vitæ or Iron Sheaves. All Metaline Bushed Blocks are Self-Lubricating and are furnished with Galvanized Iron Sheaves, Polished Scores.

In ordering Blocks, state whether wanted with or without Beckets, and if Common or Roller Bushed, whether wanted with Lignum-vitæ Sheaves.

Above Blocks can be furnished with Rings or Shackles in place of Loose Hooks, if desired. Prices same as above.

Pulley Blocks and Sheaves.

IMPROVED SNATCH BLOCK.

Double Iron Strapped.

Fig. 1798.

Clasp Closed.

Fig. 1799.

Clasp Open

SHEAVES.

Lignum-vitæ.

Fig. 1800

Iron.

Fig. 1801

Roller Bushed.

Improved Iron Strapped Snatch Block, Self-Locking Link, Swivel Hook and Cross-Bolted.

Length of Shell.	Diameter of Rope.	Size of Sheave.	Common Bushed.	Metallic Bushed, Self Lubricating
6 inches	½ inch.	2 x1½x ½ inch	$ 4 00	$ 5 25
7 "	¼ "	3½x1¼x ½ "	4 75	6 00
8 "	1 "	4½x1⅜x ⅝ "	5 75	7 25
9 "	1⅛ "	5 x1⅝x ⅝ "	6 75	8 50
10 "	1⅛ "	5½x1⅞x ⅝ "	8 50	11 00
12 "	1⅜ "	6¾x2½x ⅝ "	10 00	13 00
14 "	1¾ "	8 x2½x ⅝ "	13 00	16 50
16 "	2 "	9 x2⅝x1 "	17 00	22 00
18 "	2¼ "	10 x3 x1 "	25 00	31 00
20 "	2½ "	11 x3¼x1¼ "	38 00	46 00
22 "	3 "	11⅝x3½x1½ "	55 00	68 00
24 "	3½ "	12½x4½x1½ "	70 00	86 00

Tackle Block Sheaves.

Lignum-vitæ and Iron, with Polished Scores.

Size of Sheave.	Size of Block.	Common Bushed.	Roller Bushed.	Metallic Bushed.	Size of Sheave.	Size of Block.	Common Bushed.	Roller Bushed.	Metallic Bushed.
1⅝x ½x⅝ inch.	3 in	$0 09	$0 40	$	7¼x1⅞x ⅝ in	11 in	$0 70	$1 65	$2 50
2 x ½x⅝ "	3½ "	10	42	60	7½x1⅞x ⅝ "	11 " W. M.	55	1 80	2 95
2⅛x ⅝x⅝ "	4 "	12	45	70	8 x1⅞x ⅝ "	12 "	90	1 90	2 95
2⅜x ⅝x⅝ "	4½ "	15	50	80	8 x1⅞x ⅝ "	12 " W. M.	1 05	2 10	3 25
3 x ⅝x⅝ "	5 "	20	55	90	8 x1⅞x ⅝ "	12 " W. M.	1 05	2 20	3 40
3⅛x ½x¾ "	6 "	25	65	1 35	9 x1⅞x ⅝ "	13 "	1 20	2 40	3 25
3⅛x1 x⅝ "	6 "	25	65	1 40	9 x1⅞x ⅝ "	13 " W. M.	1 35	2 55	3 45
4½x1 x⅝ "	7 "	30	75	1 50	9 x1⅞x ⅝ "	13 " W.M.	1 35	2 65	3 60
4½x1⅛x⅝ "	8 "	35	1 00	1 85	9½x1⅞x ⅝ "	14 "	1 40	2 65	3 45
4½x ½x⅝ "	8 " W. M.	40	1 15	2 00	9½x1⅞x ⅝ "	14 " W.M.	1 50	2 85	3 75
5⅜x1⅛x⅝ "	9 "	45	1 10	1 95	10 x1⅞x ⅝ "	15 "	1 50	2 85	3 80
5⅜x1⅛x⅝ "	9 " W.M.	50	1 25	2 10	10 x1⅞x ⅝ "	15 " W.M.	1 70	3 15	4 10
6½x1⅛x⅝ "	10 "	55	1 35	2 40	11 x1⅞x ⅝ "	16 "	1 70	3 20	4 25
6½x1⅛x⅝ "	10 " W. M.	65	1 60	2 75	11 x2¼x1 "	16 " W. M.	2 00	3 50	5 50

Tackle Blocks.

MALLEABLE IRON.

Single.
Fig. 1802.

Triple.
Fig. 1803

Double.
Fig. 1804.

Common Bushe

Length of Shell Inches.	Diameter of Rope. Inches.	SINGLE. No.	SINGLE. Each	DOUBLE. No.	DOUBLE. Each	TRIPLE. No.	TRIPLE. Each	Size of Sheave Inches.
4	¼	1	$0 90	3	$ 1 75	5	$ 2 50	2¼ x 1/16
5	⅜	7	1 00	9	1 90	11	2 75	2½ x ⅛
6	½	13	1 25	15	2 25	17	3 25	3¼ x 1
7	⅝	19	1 50	21	2 70	23	4 00	4¼ x 1⅛
8	¾	25	1 85	27	3 20	29	4 75	5 x 1¼
9	1 1/16	31	2 40	33	4 00	35	5 50	5¾ x 1 3/16
10	⅞	37	3 10	39	5 10	41	7 00	6¾ x 1⅜
12	1¼	43	5 00	45	8 25	47	11 75	7½ x 1½
14	1½	49	7 50	51	11 75	53	16 50	8¼ x 1⅝

Roller Bushed

Length of Shell. Inches.	Diameter of Rope. Inches.	SINGLE. No.	SINGLE. Each.	DOUBLE. No.	DOUBLE. Each.	TRIPLE. No.	TRIPLE. Each.	Size of Sheave. Inches
5	⅜	8	$1 50	10	$ 2 90	12	$ 4 25	2¼ x ⅛
6	½	14	1 75	16	3 25	18	4 75	3¼ x 1
7	⅝	20	2 10	22	3 85	24	5 60	4¼ x 1¼
8	1	26	2 55	28	4 60	30	6 85	5 x 1¼
9	1 1/16	32	3 20	34	5 60	36	7 90	5¾ x 1 3/16
10	1¼	38	4 05	40	7 00	42	9 85	6¾ x 1⅜
12	1½	44	6 00	46	10 35	48	14 90	7¼ x 1½
14	1⅝	50	8 75	52	14 25	54	20 25	8¼ x 1⅝

Brass Bushed, Self Lubricating.

Length of Shell Inches	Diameter of Rope Inches.	SINGLE. No.	SINGLE. Each.	DOUBLE. No.	DOUBLE. Each.	TRIPLE. No.	TRIPLE. Each.	Size of Sheave. Inches
4	¼	301	$1 65	303	$ 3 25	305	$ 4 75	2¼ x 11/16
5	⅜	307	1 80	309	3 50	311	5 15	2¾ x ⅞
6	½	313	2 10	315	4 00	317	5 80	3⅜ x 1
7	⅝	319	2 45	321	4 60	323	6 85	4¼ x 1¼
8	1	325	2 90	327	5 30	329	7 90	5 x 1¼
9	1 1/16	331	3 55	333	6 30	335	9 00	5⅝ x 1 5/16
10	1¼	337	4 40	339	7 70	341	11 00	6¼ x 1⅜
12	1½	343	6 45	345	11 15	347	16 00	7⅜ x 1½
14	1⅝	349	8 10	351	15 00	353	21 30	8½ x 1⅝

Plain, Roller Bushed and Self-Lubricating Sheaves are interchangeable

Tackle Blocks.

MALLEABLE IRON.

Wide Mortise, Stiff Swivel Hooks

Fig. 1807. Fig. 1806.

Wide Mortise, Heavy Purchase.

Fig. 1805.

Fig. 1806.

Loading

Fig. 1809.

Lumbermen's.

Fig. 1810

With Ring. With Hook. Single Double. Loose Hook. Loose Swivel Hook.

Wide Mortise, Heavy Purchase, with Rings, Hooks or Shackles.

Common Bushed.

Length of Shell. Inches.	Diameter of Rope Inches.	SINGLE No.	SINGLE Each.	DOUBLE No.	DOUBLE Each.	TRIPLE No.	TRIPLE Each.	Size of Sheave. Inches.
12	1¼	169	$ 6 25	171	$10 25	173	$15 00	7½ x 1⅝
14	1½	175	9 00	177	15 00	179	20 00	9 x 1⅞
16	2	181	13 00	183	21 00	185	32 00	10 x 2½

Brass Bushed, Self Lubricating.

Length of Shell. Inches.	Diameter of Rope Inches.	SINGLE No.	SINGLE Each.	DOUBLE No.	DOUBLE Each.	TRIPLE No.	TRIPLE Each.	Size of Sheave. Inches.
12	1¼	170	$ 7 85	172	$13 50	174	$20 00	7½ x 1⅝
14	1½	176	10 80	178	18 50	180	25 50	9 x 1⅞
16	2	182	15 00	184	25 00	186	38 00	10 x 2½

Wide Mortise, with Stiff Swivel Hooks.

Length of Shell. Inches.	Diameter of Rope. Inches.	COMMON BUSHED Single No.	COMMON BUSHED Single Each.	COMMON BUSHED Double No.	COMMON BUSHED Double Each.	BRASS BUSHED, SELF-LUBRICATING Single No.	BRASS BUSHED, SELF-LUBRICATING Single Each.	BRASS BUSHED, SELF-LUBRICATING Double No.	BRASS BUSHED, SELF-LUBRICATING Double Each.	Size of Sheave. Inches.
6	¾	115	$ 2 00	117	$ 3 25	116	$ 2 85	118	$ 5 00	3½ x 1
8	1	119	2 75	121	4 75	120	3 80	122	8 85	5 x 1½
9	1⅛	123	3 50	125	6 00	124	4 65	126	8 30	5½ x 1 1/16
10	1¼	127	4 50	129	7 50	128	5 80	130	10 00	6 x 1⅝
12	1½	131	6 50	133	11 00	132	8 00	134	14 25	7½ x 1¾
14	1¾	135	9 00	137	15 00	136	11 00	138	18 50	9 x 1⅞
16	1⅞	139	13 00	141	22 00	140	15 00	142	26 00	10 x 2

Lumbermen's and Loading Blocks. Common Bushed

Length of Shell. Inches.	Diameter of Rope. Inches.	Size of Chain. Inches.	Lumbermen's Loose Hook. No.	Lumbermen's Loose Hook. Each.	Lumbermen's Swivel Hook. No.	Lumbermen's Swivel Hook. Each.	Loading Swivel Hook. No.	Loading Swivel Hook. Each.	Size of Sheave. Inches.
8	1		251	$3 00	253	$3 00	257	$2 50	5 x 1¼
8		1/16	252	3 00	254	3 00	258	2 50	5 x 1¼

Tackle Blocks.

FOR WIRE ROPE.

Malleable Iron.

Fig. 1811.

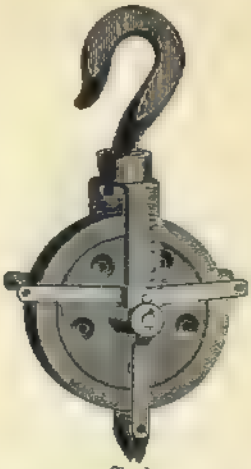
Single.

Fig. 1812.

Double.

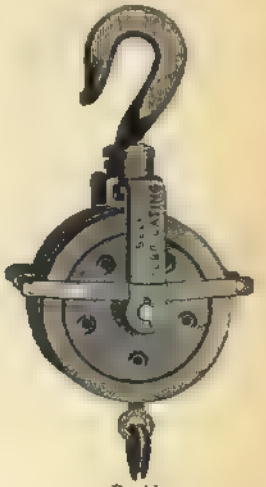
Wrought Iron

Fig. 1813.



Single.

Fig. 1814.



Double.

WIRE ROPE BLOCKS.

Brass Bushed, Self-Lubricating.

Length of Shell. Inches.	Diameter of Rope. Inches.	SINGLE. No.	SINGLE. Each.	DOUBLE. No.	DOUBLE. Each.	TRIPLE. No.	TRIPLE. Each.	Size of Sheaves. Inches.
14	½ and ⅝	55	$ 9 50	57	$17 50	59	$25 50	10 x 1¼
16	½ and ⅝	61	12 50	63	23 00	65	31 00	12 x 1½
18	¾ and ⅞	67	15 00	69	29 00	71	41 50	14 x 2¼

ICE GIN.

Fig. 1815.

Upper.

Wrought Iron, for Wire Rope.

Brass Bushed, Self-Lubricating.

Size of Sheaves. Inches.	Diameter of Rope. Inches.	SINGLE. No.	SINGLE. Each.	DOUBLE. No.	DOUBLE. Each.
10 x 1¼	½	73	$11 50	75	$18 00
12 x 1½	½	77	12 50	79	20 00
14 x 1¾	⅝	81	15 00	83	28 00
16 x 1¾	⅝	85	18 00	87	27 00
18 x 2	¾	89	23 00	91	32 00
20 x 2¼	1	93	26 00	95	38 00

ICE GINS

Brass Bushed, Self Lubricating.

Size of Sheaves. Inches.	Diameter of Rope. Inches.	UPPER. No.	UPPER. Each.	LOWER. No.	LOWER. Each.
8 x 1¼	½	101	$ 6 00	102	$ 7 00
10 x 1¼	½	103	7 00	104	8 00
12 x 2	1¼	105	8 50	106	9 50

ICE GIN

Fig. 1816.

Lower.

Tackle Blocks.

MALLEABLE IRON.

Dock
Fig. 1817

With Screw.

Patent Automatic Snatch
Fig. 1818.

Open

Fig. 1819

Closed

Dock Blocks, with Screws

Brass Bushed, Self-Lubricating

Length of Shell Inches	Diameter of Rope Inches	SINGLE. No.	SINGLE. Each	Size of Sheave Inches
10	1¼	225	$ 7 50	6 x 1½
12	1½	227	10 00	7½ x 1¾
14	1¾	229	14 00	9 x 1¾
16	1⅞	231	18 00	10 x 2

Patent Automatic Snatch Blocks.

Brass Bushed, Self-Lubricating

Length of Shell Inches	Diameter of Rope Inches	SINGLE. No.	SINGLE. Each	Size of Sheave Inches
7	¾ and ⅞	201	$ 5 50	3½ x 1¼
8	1 and 1⅛	203	7 00	4 x 1½
10	1¼ and 1⅜	205	9 00	5½ x 1¾
12	1½ and 1⅝	207	11 50	7 x 2
14	1¾ and 1⅞	209	15 00	8 x 2¼
16	2 and 2¼	21	20 00	9 x 2½

Gray Iron Sheaves for Malleable and Wrought Iron Tackle Blocks

Size of Sheave Inches	Size of Block Inches	Common Bushed	Roller Bushed	Brass Bushed
2¼x [illegible] x ⅜	4 Regular	$ 13		$1 [illegible]
2⅜x ⅝ x [illegible]	5 "	15	$0 65	[illegible]
3¼x1 x ½	6 "	25	75	1 10
4¼x1½ x ⅝	7 "	33	90	1 [illegible]
[illegible] x ¾	8 "	40	[illegible]	1 45
5¼x1 [illegible] x [illegible]	9	50	1 30	1 65
6¼x ⅞ x ¾	10 "	65	1 60	1 95
7½x1⅛ x ⅞	12 "	95	2 00	2 40
8½x1⅜ x1	14 "	1 25	2 50	2 85
7½x1¾ x1	12 Wide Mortise	1 15	.....	2 75
9 x1¼ x1½	14 " "	1 40	.....	3 00
10 x2¼ x1½	16 " "	2 40	.....	4 40
3½x1 x ½	6 W M St. Swiv't	25	75	1 10
5 x ¼ x ⅜	8 " " "	40	1 10	1 45
5½x1 5/16 x 11/16	9 " " "	50	1 30	1 65
6 x1½ x ½	10 " " "	75		2 30
7½x1¾ x1	12 " " "	1 15	.....	2 75
9 x1¼ x1½	14 " " "	1 40	.....	3 00
10 x2 x1½	16 " " "	2 00	.....	3 75
5 x1¼ x ½	8 Lumb. & Load	40	1 10	1 45
10 x1¼ x ½	14 Mal wire rope	2 40		4 00

Size of Sheave Inches	Size of Block Inches	Common Bushed	Roller Bushed	Brass Bushed
12 x1½x1	16 Mal wire rope	$3 [illegible]		$4 7[illegible]
14 x2¼x ¼	18 " "	3 75		5 50
16 x1½x1	20 Wro't "	2 40		4 00
12 x1½x1	12 " "	3 00		4 75
14 x1¾x1	14 " "	3 75		5 50
16 x1¾x1	16 " "	4 75	.....	6 75
18 x2 x1½	18 " "	6 00	.....	8 00
20 x2½x1½	20 " "	7 50	.....	10 00
8 x1½x ¾	8 Ice Gin.	.....	.....	2 50
10 x1¾x1	10 "	.....	.....	3 00
12 x2 x1	12 "	.....	.....	3 75
6 x1⅜x ⅞	10 Dock.	75	.....	2 30
7½x1¾x1	12 "	1 15	.....	2 75
9 x1¼x1½	14 "	1 40		3 00
10 x2 x1½	16 "	2 00	.....	3 75
3½x1¼x ½	7 Snatch	28		1 25
4 x1½x ⅝	8 "	35	.....	1 50
5½x1½x ⅝	10 "	70	.....	2 00
7 x2 x1	12 "	1 10	.....	2 90
8 x2¼x1½	14 "	1 65	.....	3 40
9 x2¼x1¼	16 "	2 25		4 25

Other sizes at proportionate prices.

18 SIZE 14 K SOLID GOLD CASES.

All Open Face Cases are without Springs.

Full Bassine. Plain.

No. 9733.	18 Size	Open Face.	35 dwts	....	$57.80
No. 9734	18 "	"	40 "	....	64.20
No. 9735	18 "	Hunting.	45 "	....	61.60
No. 9736.	18 "	"	50 "	....	68.00

Jurgensen. Knurled Centre.

No. 971.	18 Size	Open Face.	35 dwts	..	.$57 80
No. 972.	18 "	"	40 "	.....	64.20
No. 973.	18 "	Hunting.	45 "	.....	61.60
No. 974.	18 "	"	50 "	.....	68.00

Flat. Knurled Centre.

No. 9737.	18 Size.	Open Face.	40 dwts	....	$64.20
No. 9726.	18 "	Hunting.	50 "	....	68.00

Flat Bassine. Vermicelli Centre and Bezels.

No. 9738	18 Size.	Open Face.	42 dwts	..	.$74 76
No 9739	18 "	Hunting.	50 "	....	76.00

Variations from weights quoted above will be added or deducted at $1.28 per dwt. list.

16 SIZE 14 K SOLID GOLD CASES.

FITTING THIN MODEL WALTHAM MOVEMENTS.

All Open Face Cases are without Springs.

Bassine. Corrugated.
Antique Pendant.

No. 0269. 16 Size. Open Face $82.00
No. 0270. 16 " Hunting..... 96.00

Bassine. Corrugated.
Antique Pendant.

No. 0271. 16 Size. Open Face $82.00
No. 0272. 16 " Hunting..... ..... 96 00

Bassine. Corrugated.
Antique Pendant.

No. 0273. 16 Size. Open Face 882 00
No. 0274. 16 " Hunting..... 96 00

Bassine. Full Engraved.

No. 0275. 16 Size Open Face. 37 dwts.....$73.36
No 0276. 16 " Hunting 45 " 79.60
Variations added or deducted.

18 SIZE LEGAL SEAL 14 K GOLD FILLED CASES.

OPEN FACE ONLY.

Guaranteed to Wear Twenty-one Years.

Jurgensen. Engine Turned.

No. 061. 18 Size. Open Face $18.00

Full Engraved.

No. 0633. 18 Size. Open Face $22.00

Full Engraved.

No. 0634. 18 Size. Open Face $22.00

Full Engraved.

No. 0635. 18 Size. Open Face $22.00

SIMMONS HARDWARE COMPANY

BLACKSMITHS' STOCKS AND DIES.

Fig. No. D1360.

															EACH.
No. 7—3 Pairs of Dies; 6 Taps,	Size, inches,	. .	3/4	7/8	1	1 1/4	R. H.	1	1 1/4	L. H	.	.			$12.00
	Number of Threads to the inch,		10	10	8	8		8	8		.	.			
No. 9—3 Pairs of Dies; 6 Taps,	Size, inches,	. .	9/16	5/8	3/4	7/8	1	1 1/4	R. H		.	.			12.00
	Number of Threads to the inch,		12	12	10	10	8	8	.		.	.			
No. 17—3 Pairs of Dies; 6 Taps,	Size, inches,	. .	5/8	3/4	7/8	1	R. H.	7/8	1	L. H	.	.			9.00
	Number of Threads to the inch,		12	12	9	9		9	9		.	.			
No. 19—3 Pairs of Dies; 6 Taps,	Size, inches,	. .	1/2	5/8	5/8	3/4	7/8	1	R. H		.	.			9.00
	Number of Threads to the inch,		14	12	14	12	9	9	.		.	.			
No. 25—3 Pairs of Dies; 6 Taps,	Size, inches,	. .	7/16	1/2	5/8	3/4	R. H.	5/8	3/4	L. H	.	.			6.50
	Number of Threads to the inch,		12	12	10	10		10	10		.	.			
No. 27—3 Pairs of Dies; 6 Taps,	Size, inches,	. .	7/16	1/2	9/16	11/16	5/8	3/4	R. H.		.	.			6.50
	Number of Threads to the inch,		16	16	12	10	12	10	.		.	.			
No. 45 3 Pairs of Dies; 6 Taps,	Size, inches,	. .	7/16	1/2	9/16	5/8	R. H.	9/16	5/8	L. H.	.	.			5.50
	Number of Threads to the inch,		16	16	12	12		12	12		.	.			
No. 47—3 Pairs of Dies; 6 Taps,	Size, inches,	. .	5/16	3/8	7/16	9/16	1/2	5/8	R. H.		.	.			5.50
	Number of Threads to the inch,		18	18	14	12	14	12	.		.	.			
No. 49—3 Pairs of Dies; 6 Taps,	Size, inches,	. .	5/16	3/8	7/16	1/2	R. H.	7/16	1/2	L. H	.	.			4.50
	Number of Threads to the inch,		18	18	14	14		14	14		.	.			
No. 51—3 Pairs of Dies; 6 Taps,	Size, inches,	. .	1/4	5/16	5/16	3/8	7/16	1/2	R. H.		.	.			4.50
	Number of Threads to the inch,		22	22	18	18	14	14	.		.	.			
No. 60—4 Pairs of Dies; 6 Taps,	Size, inches,	. .	1/4	5/16	7/16	1/2	5/8	5/8	R. H.		.	.			6.50
	Number of Threads to the inch,		18	18	14	14	12	10	.		.	.			

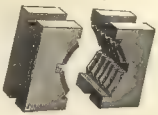
One in a Package.

For Extra Taps for above, see Page 239.

EXTRA DIES.

Fig. No. D1361

Fig. No. D1361½



Extra Dies, in Sets, for Blacksmiths' Stocks.

	PER SET.
For Nos. 11 and 15 Stocks, . . .	$3.00
For Nos. 21 and 23 Stocks, . . .	2.00
For No. 32 Stocks, ...	2.25
For No. 33 Stocks, ...	1.50
For Nos. 34, 34A and 34B Stocks, .	2.00
For Nos. 35, 37, 37A, 37B and 38 Stocks,	1.50
For Nos. 41, 41A, 41B, 42 and 43 Stocks,	1.50
For Nos. 53 and 55 Stocks, . .	1.50

Extra Dies, in Pairs, for Blacksmiths' Stocks.

	PER PAIR.
For Nos. 7 and 9 Stocks, . . .	$3.50
For Nos. 17 and 19 Stocks, . . .	2.50
For Nos. 25, 27, 45 and 47 Stocks,	2.25
For Nos. 49 and 51 Stocks, . . .	2.00
For No. 60 Stocks, . . .	3.00

SIMMONS HARDWARE COMPANY

BLACKSMITHS' STOCKS AND DIES.

Fig. No. D1279

														EACH.
No. 11 —3 Sets of Dies; 4 Taps,	Sizes, inches,		3/4	7/8	1 1/4	R. H.			1 1/4	L. H.				$10.00
	Number of Threads to the inch,		10	10	8				8					
No. 15 —3 Sets of Dies; 5 Taps,	Sizes, inches,		1/2	5/8	3/4	7/8	1 1/4	R. H.						10 00
	Number of Threads to the inch,		12	12	10	10	8							
No. 21 —3 Sets of Dies; 4 Taps,	Sizes, inches,		5/8	3/4	1	R. H.			1	L. H.				6 00
	Number of Threads to the inch,		12	12	9				9					
No. 23 —3 Sets of Dies; 3 Taps,	Sizes, inches,		1/2	3/4	1	R. H.								5.00
	Number of Threads to the inch,		14	10	9									
No. 32 —4 Sets of Dies; 4 Taps,	Sizes, inches,		1/2	3/4	R. H.		1/2	3/4	L. H.					5.00
	Number of Threads to the inch,		14	10			14	10						
No. 33 —2 Sets of Dies; 2 Taps,	Sizes, inches,		3/4	R. H.			3/4	L. H.						4.00
	Number of Threads to the inch,		10				10							
No. 34 —3 Sets of Dies; 3 Taps,	Sizes, inches,		7/16	9/16	3/4	R. H.								4.50
	Number of Threads to the inch,		16	12	10									
No. 34A—3 Sets of Dies; 3 Taps,	Sizes, inches,		7/16	9/16	3/4	R. H.								4.50
	Number of Threads to the inch,		14	12	10									
No. 34B—3 Sets of Dies; 3 Taps,	Sizes, inches,		9/16	9/16	3/4	R. H.								4 50
	Number of Threads to the inch,		16	14	12									
No. 35 —2 Sets of Dies; 2 Taps,	Sizes, inches,		1/2	3/4	R. H.									4.00
	Number of Threads to the inch,		14	10										
No. 37 —3 Sets of Dies; 6 Taps,	Sizes, inches,		1/4	5/16	3/8	7/16	1/2	3/8	R. H.					4.25
	Number of Threads to the inch,		22	22	18	18	14	14						
No. 37A—3 Sets of Dies; 6 Taps,	Sizes, inches,		1/4	5/16	3/8	7/16	1/2	5/8	R. H.					4.25
	Number of Threads to the inch,		16	16	14	14	12	12						
No. 37B—3 Sets of Dies; 6 Taps,	Sizes, inches,		1/4	5/16	3/8	7/16	1/2	5/8	R. H.					4 25
	Number of Threads to the inch,		18	18	16	16	14	14						
No. 38 —3 Sets of Dies; 6 Taps,	Sizes, inches,		3/8	7/16	9/16	5/8	R. H.	9/16	5/8	L. H				4.50
	Number of Threads to the inch,		18	18	12	12		12	12					
No. 41 -3 Sets of Dies; 6 Taps,	Sizes, inches,		3/16	1/4	1/4	5/16	7/16	7/8	R. H.					3.25
	Number of Threads to the inch,		26	26	20	20	16	16						
No. 41A—3 Sets of Dies; 6 Taps,	Sizes, inches,		3/16	3/16	3/16	5/16	7/16	7/8	R. H.					3.25
	Number of Threads to the inch,		18	18	16	16	14	14						
No. 41B—3 Sets of Dies; 6 Taps,	Sizes, inches,		3/16	1/4	1/4	5/16	7/16	7/8	R. H.					3 25
	Number of Threads to the inch,		20	20	18	18	16	16						
No. 42 —3 Sets of Dies, 6 Taps,	Sizes, inches,		1/16	3/16	7/16	1/2	R. H	7/16	1/2	L. H.				3.50
	Number of Threads to the inch,		20	20	14	14		14	14					
No. 43 —3 Sets of Dies; 4 Taps,	Sizes, inches,		1/4	5/16	7/16	1/2	R. H.							3.00
	Number of Threads to the inch,		26	20	16	16								
No. 53 —4 Sets of Dies; 4 Taps,	Sizes, inches,		1/8	3/16	1/4	5/16	R. H.							2.75
	Number of Threads to the inch,		32	24	20	16								
No. 55 —3 Sets of Dies; 4 Taps,	Sizes, inches,		1/8	3/16	5/16	7/16	R. H.							2.50
	Number of Threads to the inch,		32	32	24	18								

One in a Package.

For Extra Taps for above, see Page 239. For Extra Dies, see Page 238.

SIMMONS HARDWARE COMPANY

MACHINISTS' SCREW PLATES.

Fig No D1287

Card's.

							EACH
No. OOM—6 in. Long, 4 Pairs of Dies; 4 Plug Taps, Cutting,	Inches,	1/4	5/32	3/16	1/8		$2.50
	Threads,	64	56	48	40		
No. OOA—6 in. Long, 3 Pairs of Dies, 4 Plug Taps, Cutting Machine Screws,	Nos.,	4	6	8	10		2.50
	Threads,	36	32	32	24		
No. OM—7½ in. Long, 4 Pairs of Dies; 4 Plug Taps, Cutting,	Inches,	5/16	1/4	3/16	1/8		3.00
	Threads,	48	40	32	24		
No. OA—7½ in. Long, 3 Pairs of Dies; 4 Plug Taps, Cutting Machine Screws,	Nos.,	10	12	14	16		
	Threads,	24	24	20	18		3 25
No. 1½—9 in. Long, 4 Pairs of Dies; 4 Plug Taps, Cutting Machine Screws,	Nos.,	6	8	10	14		
	Threads,	32	30	24	20		3 25
No. 1½A—9 in. Long, 3 Pairs of Dies, 4 Plug Taps, Cutting Machine Screws,	Nos.,	14	16	18	20		
	Threads,	20	18	18	16		3.40

Extra Dies, (not carried in stock), **any required Thread,** . . . . . PER SET, $1.00

Fig No D1288

							EACH.
No. 2½—11½ in. Long, 3 Pairs of Dies; 3 Taper Taps, Cutting,	Inches,	3/8	5/16	1/4			$5.00
	Threads,	12	16	20			
No. 2½A 11½ in. Long, 3 Pairs of Dies; 3 Taper Taps, Cutting,	Inches,	1/4	5/32	3/16			4.80
	Threads,	20	18	16			
No. 2½C—11½ in. Long, 5 Pairs of Dies; 5 Taper Taps, Cutting,	Inches,	3/4	5/16	5/16	3/16		7.50
	Threads,	20	18	16	14	12	
No. 3A—14 in. Long, 3 Pairs of Dies; 3 Taper Taps, Cutting,	Inches,	7/16	3/8	5/16			5 80
	Threads,	16	12	11			
No. 3C—14 in. Long, 4 Pairs of Dies; 4 Taper Taps, Cutting,	Inches,	5/8	7/16	1/2	5/16		7 15
	Threads,	16	14	12	11		
No. 3D—14 in. Long, 6 Pairs of Dies; 6 Taper Taps, Cutting,	Inches,	1/4	3/16	5/32	7/64	3/32	9.60
	Threads,	20	18	16	14	12	11
No. 4A—19 in. Long, 3 Pairs of Dies; 3 Taper Taps, Cutting,	Inches,	1/2	7/16	3/8			6 90
	Threads,	12	11	10			
No. 8A—30 in. Long, 4 Pairs of Dies; 4 Taper Taps, Cutting,	Inches,	3/4	7/8	1	1 1/8		13 60
	Threads,	10	9	8	7		

Extra Dies,

For Plates Nos.,	2½	2½A	2½C	3A	3C	3D	4A	8A
PER PAIR,	$0.75	.75	.75	.75	.75	.75	1 00	1.75

For Prices of Extra Taps see Page 235.

PUMP PLATES.

Fig No D1289

Card's

				EACH.
No. 12—12¾ in. Long, **without Taps,** 2 Pairs of Dies, Cutting,	Inches,	5/16	1/4	$3.00
	Threads,	14	12	
No. 13—15½ in. Long, **without Taps,** 3 Pairs of Dies, Cutting,	Inches,	5/16	3/8	3.50
	Threads,	14	12	12

Extra Dies, for Nos. 12 and 13 Plates, ... PER PAIR $0.75

CARD'S TAP WRENCHES.

Fig No D1290

	EACH.
No. 0—5 in. Long, Fitting Taps, 3/16 to 7/16 in.,	$1.00
No. 1—7½ in. Long, Fitting Taps, 1/8 to 5/8 in.,	1 50
No. 2—12 in. Long, Fitting Taps, 1/4 to 3/4 in.,	2.00
No. 3—14 in. Long, Fitting Taps, 1/2 to 3/4 in.,	3 00
No. 4—19 in. Long, Fitting Taps, 3/4 to 1 1/8 in.,	4 00
No. 5—24 in. Long, Fitting Taps, 7/8 to 1 1/8 in.,	5.25

One in a Package.

BLACKSMITHS' TAPS.

Fig. No. D1282

Blacksmiths' Taper Taps.

Size.	Hand.	No. Threads to Inch	No. in a Package.	Each.
1½ in	Right	8,	2	$1.75
1 in.	Right	8, 9,	2	1.25
⅞ in.	Right	9, 10,	4	.90
¾ in	Right	9, 10, 12, 14,	6	.65
⅝ in.	Right	10, 11, 12, 14, 16,	6	.50
½ in.	Right	12, 14, 16,	6	.50
[illegible] in.	Right	10, 12, 14, 16, 18,	6	.40
[illegible] in	Right	10, 12, 14, 16, 18,	6	.40
[illegible] in	Right	12 14, 16, 18, 20,	6	.35
[illegible] in	Right	14, 16, 18, 20, 22,	6	.30
[illegible] in	Right	16, 18, 20, 22, 24, 28,	6	.30
[illegible] in	Right	24, 26, 28,	6	.30
[illegible] in	Right	30, 32,	6	.30

Fig. No. D1283.

Blacksmiths' Plug Taps.

Size.	Hand.	No. Threads to Inch.	No. in a Package	Each.
1 in.	Right	8, 9,	2	$1.25
⅞ in.	Right	10, 12,	6	.65
¾ in.	Right	10, 11, 12, 14,	6	.50
[illegible] in.	Right	12,	6	.50
⅝ in.	Right	12, 14, 16,	6	.40
[illegible] in.	Right	14, 16,	6	.40
½ in.	Right	14, 16, 18,	6	.35
[illegible] in.	Right	16, 18, 20,	6	.30
¼ in.	Right	16, 18, 20, 22, 24, 26,	6	.30
[illegible] in.	Right	24,	6	.30
⅛ in.	Right	32,	6	.30

For Stocks and Dies, see Pages 237 and 238.

MACHINE OR SOLID BOLT DIES.

Fig. No. D1284.

Standard Size.

Diameter.	No. Threads to Inch.	Size of Square.	Each.
[illegible] in.	20	2¼ ½ in. thick.	$1.80
[illegible] in.	18	2¼	1.80
[illegible] in	16	2¼	1.80
[illegible] in.	14	2¼	1.80
[illegible] in	12	2¼	1.80
[illegible] in.	11	2¼ ¾ in. thick.	2.00
¾ in	10	2½	2.25
[illegible] in.	9	2½	2.40
[illegible] in.	8	2¾ 1 in. thick.	2.70

Diameter.	No. Threads to Inch.	Size of Square.	Each.
1⅛ in.	7	2¾ 1 in. thick.	[illegible]
1¼ in.	7	2¾	[illegible]
1⅜ in.	6	2¾	[illegible]
1½ in.	6	3	[illegible]
1⅝ in.	5½	3	[illegible]
1¾ in	5	3 x 1¼ in. thick	[illegible]
1⅞ in.	5	3½ x 1¼ in. thick	[illegible]
2 in.	4½	3½ x 2 in. thick.	[illegible]

Sizes Printed in Red Ink Not Carried in Stock.

V Thread or Standard.

Fig. No. D1285.

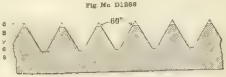
Cut Showing Pitch of Taps and Dies.

Diameter of Taps.

Inches,	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Threads,	20	18	16	14	12	11	10	9	8	7	7	6	6	5½	5	5	4½

U. S. or Franklin Institute Standard.

Fig. No. D1286



Cut Showing Pitch of Taps and Dies.

Diameter of Taps.

Inches,	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Threads,	20	18	16	14	13	12	11	10	9	8	7	7	6	6	5½	5	5	4½

SIMMONS HARDWARE COMPANY

SCREW PLATES.

MORSE TWIST DRILL CO.'S.

Fig No D1296

							EACH
No. 1C Plates Complete, with 6 Pairs of Taps and Dies, in Morocco Case, ...	Inches,	1/16	1/8	5/32	3/16	7/32	1/4	
	Threads,	60	48	40	32	24	20	$6.75

Fig No D1298

						EACH
No. 1—Plates Complete, with 5 Pairs Taps and Dies, .	Inches,	1/8	5/32	3/16	7/32	1/4	
	Threads,	48	40	32	24	20	$4.50

Dies.	EACH.	Taps.					Plates.	EACH.
		Inches,	7/8	5/16	5/32	3/16	1/4	
Single, . . .	$0.40	Each,	$0.35	.35	.35	.35	.45	Plates Only, . . . $1.60

No.	With Dies Only	EACH.	Stocks Only	EACH.	Following Dies can be Added.	EACH
A	Inches, 1/4, 3/8, 1/2 — Threads, 20, 16, 12 . .	$ 5.00	$2.50	Inches, 3/16, 5/32, 3/16, 5/32 — Threads, 18, 14, 12, 11 . .	$1.00
B	Inches, 3/8, 1/2, 5/8, 3/4 — Threads, 16, 12, 11, 10 .	8.00	3.25	Inches, 1/4, 5/16, 3/8, 7/16, 11/16, 7/8 — Threads, 20, 18, 14, 12, 11, 9 .	1.25
C	Inches, 1/2, 3/4, 7/8, 1 — Threads, 12, 11, 10, 9 .	10.00	4.00	Inches, 7/16, 9/16, 11/16, 1 — Threads, 16, 14, 12, 8 .	1.75
D	Inches, 7/8, 1, 1 1/8, 1 1/4 — Threads, 9, 8, 7, 7 .	13.00	5.00	Inches, 15/16, 1 1/16, 1 1/8, 1 1/8 — Threads, 11, 10, 8, 8 .	2.00
E	Inches, 1 3/8, 1 1/2, 1 5/8, 1 3/4, 1 7/8, 2 — Threads, 6, 6, 5, 5, 4 1/2, 4 1/2	33.00	15.00	Inches, Threads, .	.

Use Standard Size Taper Hand Taps for A, B, C, D and E Plates, when Taps are ordered.
For Prices, see Page 239.

MORSE PATENT ADJUSTABLE TAP WRENCHES.

Fig No D1297

No. 0.

	EACH.
No. 0—Fitting Taps from 1/16 to 1/4 in., inclusive, ...	$1.60

Fig No D1298

		EACH			EACH.
Size A,	Fitting Taps from 1/4 to 3/8 in., inclusive, Fitting Reamers from 1/4 to 21/64 in., inclusive,	$3.00	**Size C,**	Fitting Taps from 5/8 to 1 in., inclusive, Fitting Reamers from 11/16 to 1 1/32 in., inclusive,	$5.00
Size B,	Fitting Taps from 1/2 to 1 in., inclusive, Fitting Reamers from 3/8 to 1 in., inclusive,	4.00	**Size D,**	Fitting Taps from 1 1/8 to 2 1/8 in., inclusive	[illegible]

Tap Wrenches, One in a Package.

SIMMONS HARDWARE COMPANY.

BICYCLE SCREW PLATES.

Fig. No. D1891.

Card's, in Hardwood Cases.

EACH.

No. 1—Card's Bicycle Plates; Stock 5 in. long; 6 Plug Taps and 6 Dies, Cutting 6-38, $^{1}/_{8}$-40, $^{1}/_{4}$-42, 3-48, $^{5}/_{16}$-54, 3-56 threads to inch. Corresponding in sizes with Bicycle Spokes, ... $5.00

No. 2—Card's Bicycle Plates; Stock 5 in. long, 6 Plug Taps and 6 Dies, Cutting $^{5}/_{64}$-40, $^{3}/_{32}$-56, $^{7}/_{64}$-56, 2-48, $1^{1}/_{2}$-56, 1-64 threads to inch. Corresponding in sizes with Bicycle Spokes, ... 5.00

No. 3 Card's Bicycle Plates; Stock 5 in. long, 14 Plug Taps and 14 Dies, Cutting $^{3}/_{32}$-52, $^{7}/_{64}$-54, $^{3}/_{32}$-56, $^{7}/_{64}$-56, $^{1}/_{8}$-40, $^{5}/_{32}$-42, $^{9}/_{64}$-40, 1-64, $1^{1}/_{2}$-56, 2-48, 3-48, 3-56, 4-42, 6-38 threads to inch. Corresponding in sizes with Bicycle Spokes, ... 10.00

(For Price of Extra Stocks, Dies and Taps, see Bottom of Page.)

These Plates will be found very convenient for use in repairing Bicycles, as the sizes and threads have been carefully selected and will fit a great variety of machines. The Dies are adjustable for making tight or loose fits.

HANDY STOCKS.

Fig. No. D1892.

EACH.

No. 1H—Card's Handy, Stocks only, to hold **two** Round Adjustable **Dies,** five-eighths of an inch in diameter, (convenient for Cutting and Sizing Screws in a Lathe), ... $1.00

(For Sizes and Prices of Dies, see Bottom of Page.)

Fig. No. D1893.

EACH.

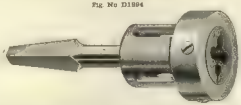
No. 2H—Card's Handy, Stocks only, to hold **one** Round Adjustable **Die,** five-eighths of an inch in diameter, (convenient for Cutting and Sizing Screws in a Lathe), ... $0.75

(For Sizes and Prices of Dies, see Bottom of Page.)

One in a Box.

BIT BRACE DIE HOLDERS.

Fig. No. D1894.



EACH.

No. 1C—Card's Bit Brace Die Holders only, to hold Round Adjustable Die, five-eighths of an inch diameter, $0.75

(For Sizes and Prices of Dies, see below.)

Card's Extra Dies, $^{5}/_{8}$ inch in diameter, $^{3}/_{32}$-52, $^{7}/_{32}$-54, $^{3}/_{32}$-56, $^{7}/_{64}$-56, $^{1}/_{8}$-40, $^{1}/_{8}$-42, $^{9}/_{64}$-40, No. 1-64, $1^{1}/_{2}$-56, 2-48, 3-48, 3-56, 4-42, 6-38 Threads to inch, ...40

Card's Extra Taps, $^{3}/_{32}$-52, $^{7}/_{32}$-54, $^{7}/_{64}$-56, $^{7}/_{64}$-56, $^{1}/_{8}$-40, $^{1}/_{8}$-42, $^{9}/_{64}$-40, No. 1-64, $1^{1}/_{2}$-56, 2-48, 3-48, 3-56, 4-42, 6-38 Threads to inch, ... 35

Card's Extra Stocks, for Bicycle Plates,	Nos.,	**1**	**2**	**3**
	Each,	$1.00	1.00	1.00

Dies are adjustable for making tight or loose fits.

SIMMONS HARDWARE CO. COMPANY

REECE'S SCREW PLATES.

Fig. No. D1901.

Top View of No. 14 Screw Plate

Bottom View of No. 14 Screw Plate.

	EACH.
No. 14 Set—4 sizes Taps and Dies, 5/8, 3/4, 7/8 and 1 in., 24 in. Stocks, with Adjustable Guide. Complete in Case,	$17 00
Stock only, with Adjustable Guide,	5 00

Extra Parts for No. 14 Set.

Inches,	9/16	5/8	11/16	3/4	13/16	7/8	15/16	1
Number of Threads to inch,	12	11	11	10	10	9	9	8
Extra Taps, each,	$0.80	.90	1.05	1.20	1.40	1.60	1.80	2.00
Extra Dies, each,	1.75	1.90	2.10	2.35	2.60	3.00	3.40	3.75

The Dies are all adjustable for wear, and Perfect Threads are made at one cut.

REECE'S TAP AND DIE HOLDERS.

Fig. No. D1802

	EACH
No. 3—Tap and Die Holders, 3 sizes Taps and Dies, 1/8, 3/16, 1/4 in., with 1 Tap Wrench,	$3 50
No. 4—Tap and Die Holders, 3 sizes Taps and Dies, 3/16, 1/8, 7/16 in., with 3 Tap Wrenches,	6.85

Extra Taps and Dies for No. 3 Holders.

Inches,	1/8	3/16	3/16	7/16	1/4
Number of Threads to inch,	40	36	32	24	24
Hand Taps, each,	$0.35	.35	.35	.35	.45
Dies, each,	.40	.40	.40	.40	.50

	EACH.
Die Holders only, No. 3,	$0.80
Tap Wrenches,	.25

The Machine Screw Threads of the No. 0 Set (Page 243) will also fit No. 3 Holder at same price.

Extra Taps and Dies for No. 4 Holders.

Inches,	3/4	5/16	3/8	7/16	1/2
Number of Threads to inch,	20	18	16	14	12
Hand Taps, each,	$0.45	.50	.55	.60	70
Dies, each,	1.00	1.00	1.15	1.30	1.50

	EACH.
Die Holders only, No. 4,	$1.00
Tap Wrenches,	.25

These Tools are used in the Bit Brace, for cutting Threads on Clips, Staples, etc.; for re-cutting Bolts in Wagons, Carriages, etc., without removing them from their places; also, as a Tap Wrench for the different sizes of Nut Taps, which are made to pass through the work, and save time in running back.

SIMMONS HARDWARE COMPANY

REECE'S SCREW PLATES.

Fig. No. D1299

No. O Set 5 Sizes Taps and Dies (for Machine Screws,) with 6¼ in. Stock and Tap Wrench to fit in Plate.

						EACH.
Nos.,	4	6	8	10	12	$5.00
Threads,	36	32	32	24	24	

Complete in Case.

No. A1 Set 7 Sizes Taps and Dies (for Machine Screws,) with 6¼ in. Stock and Tap Wrench to fit in Plate.

								EACH.
Nos.,	4	6	8	10	12	14	16	$6 50
Threads,	36	32	32	24	24	20	18	

Complete in Case.

Extra Parts for Nos. O and A1 Sets.

Hand Taps.

Diameter in parts of inch,	7/64	9/64	5/32	3/16	7/32	1/4	9/32
Screw Gauge, Nos.,	4	6	8	10	12	14	16
Number of Threads to inch,	36	32	32	24	24	20	18
Each, . . .	$0.35	.35	.35	.35	.35	.45	.45

Extra Stocks only, ... EACH. $1.00

Dies.—(13/16 in. Diameter.)

Diameter in parts of inch,	7/64	9/64	5/32	3/16	7/32	1/4	9/32	
Screw Gauge, Nos.,	4	6	8	10	12	14	16	
Number of Threads to inch,	36	32	32	24	24	20	18	
Each, . . .	$0.40	.40	.40	.40	.40	.50	50	

Extra Tap Wrenches, . . EACH. $0 25

Screw Plates.

No. A2 Set—5 Sizes Taps and Dies, with 6¼ in. Stock and Tap Wrench.

						EACH.
Sizes,	Inches,	1/8	5/32	3/16	7/32	1/4	$5.00
	Threads,	40	36	32	24	20	

Complete in Case.

No. A3 Set—7 Sizes Taps and Dies, with 6¾ in. Stock and Tap Wrench.

								EACH.
Sizes,	Inches,	5/32	1/8	3/32	3/16	7/32	1/4	9/32	$6.50
	Threads,	48	40	36	32	24	20	20	

Complete in Case.

Extra Parts for Nos. A2 and A3 Sets.

Hand Taps.

Sizes, inches, .	3/32	1/8	5/32	3/16	7/32	1/4	9/32
Number of Threads to inch,	48-60	40	36	32	24-28	20-24	20
Each, . .	$0.35	35	.35	35	.35	.45	.45

Extra Stocks only, ... EACH. $1 00

Dies.—(13/16 in. Diameter.)

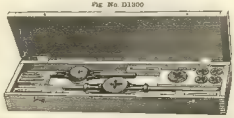
Sizes, inches, .	3/32	1/8	5/32	3/16	7/32	1/4	9/32
Number of Threads to inch,	48-60	40	36	32	24-28	20-24	20
Each, . .	$0.40	.40	40	.40	.40	.50	.50

Extra Tap Wrenches, ... EACH. $0.25

Above Screw Plates are fitted without a Guide, and the Dies are adjusted by means of a pin which is reduced as the Die wears.

Screw Plates.

Fig. No. D1300



No. 19 Double Sets 7 Sizes Taps and Dies, one 14 and one 24 inch Stock.

								EACH.
Sizes,	Inches,	1/4	5/32	3/8	7/16	1/2	5/8	3/4	$20.00
	Threads,	20	18	16	14	12	11	10	

Complete in Case.

Taps and Dies Furnished with No. 19 Plates are 1/32 over size

No. 7 Set—5 Sizes Taps and Dies, with 14 in. Stock and Patent Adjustable Guide.

						EACH.
Sizes,	Inches,	3/4	5/16	3/8	7/16	1/2	$10.00
	Threads,	20	18	16	14	12	

Complete in Case.

Stock only, with Patent Adjustable Guide, . $4.00

Extra Taps and Dies for No. 7 Set.

Sizes, inches, ...	1/4	5/16	3/8	7/16	1/2
Number of Threads to inch, ...	20	18	16	14	12
Extra Dies, each, ...	$0.45	.50	.55	60	70
Extra Taps, "	1.00	1.00	1.15	1.20	1.50

Extra Tap Wrenches for No. 7 Set, ... EACH $0.25

LIGHTNING SCREW PLATES.

Fig. No. D1308

No. AA Set—6 Sizes Taps, Dies and Collets, with 18 in. Stock.

Sizes,							EACH.
Inches,	5/16	1/4	3/16	3/8	7/16	1/2	Complete in Case, $13 50
Threads,	24	20	18	16	14	12	

(Outside Diameter of Collets, 2 1/16 in.)

Extra Stocks only, for No. AA Set, ... 2.00

For Prices of Extra Taps, Dies and Collets, see Page 253.

Fig. No. D1309.

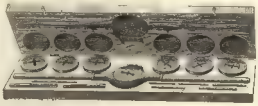
No. B Set—7 Sizes Taper Taps, Dies and Collets, with 23 in. Stock.

Sizes,								EACH.
Inches,	1/4	3/16	3/8	7/16	1/2	5/8	3/4	$16.00
Threads,	20	18	16	14	12	11	10	

(Diameter of Collets, 2 3/4 in.) Complete in Case.

Extra Stocks only, for No. B Set, . . 2.00

Fig. No. D1310.



No. C7 Set 7 Sizes Taper Taps, Dies and Collets, with 26 in. Stock.

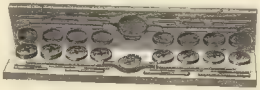
Sizes,								EACH.
Inches,	5/16	7/16	1/2	5/8	3/4	7/8	1	$22 00
Threads,	16	14	12	11	10	9	8	

(Diameter of Collets, 2 3/4 in.) Complete in Case

Extra Stocks only, for No. C7 Set, . . 2.00

For Prices of Taps, Dies and Collets for these Plates, see Page 253.

Fig. No. D1311



No. C9 Set—9 Sizes Taps, Dies and Collets, with 29 in. Stock.

Sizes,										EACH.
Inches,	1/4	5/16	3/8	7/16	1/2	5/8	3/4	7/8	1	Complete in Case, $25.50
Threads,	20	18	16	14	12	11	10	9	8	

(Diameter of Collets, 2 3/4 in.)

Extra Stocks only, for No. C9 Set, ... 2.00

For Prices of Extra Taps, Dies and Collets, see Page 253.

Fig. No. D1312

No. D6 Set—6 Sizes Taper Taps, Dies and Collets, with 53 in. Stock.

Sizes,							EACH.
Inches,	7/8	1	1 1/8	1 1/4	1 3/8	1 1/2	Complete in Case, $50.00
Threads,	9	8	8	7	6	6	

(Diameter of Collets, 4 1/4 in.)

Extra Stocks only, for No. D6 Set, ... 7.00

For Price of Extra Taps, Dies and Collets, see Page 253.

Taps and Dies are 1/32 over size, V Thread (for Rough Iron).

SIMMONS HARDWARE COMPANY

LIGHTNING SCREW PLATES.

Fig. No. D1305.

Fig. No. D1304

No. 05 Set—5 Sizes Taps, Dies and Guides, with Stock and Tap Wrench.

						EACH.
Sizes, Inches,	1/8	5/32	3/16	7/32	1/4	$5.50
Sizes, Threads,	40	36	32	28	20	

Complete in Case.

No. 07 Set, 7 Sizes Taps, Dies and Guides, with Stock and Tap Wrench.

								EACH.
Sizes, Inches,	1/64	1/16	3/64	1/8	5/32	7/32	1/4	$7.00
Sizes, Threads,	44	40	40	36	32	28	20	

Complete in Case.

Stocks 6 in. long, Diameter of Dies, 7/8 in , for Gunsmiths, Model Makers, Amateurs, etc., Threads Finished in once going over

Fig. No D1305

Extra Parts for Nos. 05, 07 and 014 Sets.

	EACH.
Stocks only, 6 in., .	$1 00
Dies, (see list of Sizes below),	.60
Guides, ...	.15

Extra Parts for Nos. 05, 07 and 014 Sets.

	EACH.
Taps, (see list of Sizes below), .	$0.40
Tap Wrenches, (Fitting in Stock),	.50

No. 014 Set—14 Sizes Taps, Dies and Guides, with 6 in. Stock, Tap Wrench (fitting in stock,) Bit Brace Holder and Die Holder for Lathe Use.

														EACH.
Sizes, Inches,	5/64	3/32	7/64	1/8	9/64	5/32	11/64	3/16	13/64	7/32	15/64	1/4	17/64	9/32	Complete in Case, $15.00
Sizes, Threads,	60	48	44	40	40	36	36	32	32	28	28	20	20	20	

Taps and Dies in Stock to Fit Nos. 05, 07 and 014 Sets.

Diameter in parts of an inch, . . .	5/64	3/32	7/64	1/8	9/64	5/32	11/64	3/16	13/64	7/32	15/64	1/4	17/64	9/32
Number of Threads to the inch, .	60	48	40	32	32	32	32	24	24	22	22	18	18	18
		60	44	36	36	36	36	28	28	24	24	20	20	20
			48	40	40	40	40	32	32	28	28	24	24	24
				44										

Fig. No. D1306

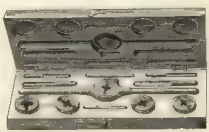


Fig. No. D1307.

No. A Set 5 Sizes Taps, Dies and Guides, with 10 in. Stock.

						EACH.
Sizes, Inches,	5/16	1/4	3/16	5/16	7/32	$8.00
Sizes, Threads,	24	20	18	16	14	

Complete in Case.

Extra Dies, 15/16 in. Diameter, (for Nos. A and A1 Sets,) 1.00
Extra Guides, (for Nos. A and A1 Sets), . . .20
Extra Stocks, 10 in. Long, (for Nos. A and A1 Sets,) 1.50

No. A1 Set—5 Sizes Taps, Dies, Guides and Nut Wrenches, with 10 in. Stock and Bit Brace Holder.

						EACH.
Sizes, Inches,	5/16	1/4	3/16	3/16	7/32	$10 00
Sizes, Threads,	24	20	18	16	14	

Complete in Case.

Bit Brace Holder only, fitting above sizes, 75
Nut Wrenches, to Fit in Stock or Holder, . .20

Nos. A and A1 Sets are furnished with Taps and Dies, 1/16 over size, V Thread (for Rough Iron.)

LIGHTNING SCREW PLATES.

For Pipe.

Fig. No D1319

										EACH.
No. 257-C and D. Combined Set, for Pipe, with **8 Sizes** Dies (Right or Left Hand, and Guides, No. C Stock 35 in. Long, No. D Stock 53 in. Long,	Sizes,	¼	⅛	½	¾	1	1¼	1½	2	$32.00
	Complete in Case.									
Extra Parts,	Sizes,	¼	⅜	½	¾	1	1¼	1½	2	
Extra Dies only,	Each,	$1.50	1.50	1.50	1.50	1.50	4 00	4 00	4.00	
Extra Guides only,	"	.25	.25	.25	.25	.25	.50	50	50	

	EACH
No. C—Extra Stocks only, 35 in.,	$3 50
No. D—Extra Stocks only, 53 in.,	7.00

Fig. No D1320

							EACH.
No. 263—Full Mounted, for Pipe, 6 Sizes in Case, each Die Furnished Complete with its own Stock; Sizes, ⅛ ¼ ⅜ ½ ¾ 1 in.,							$16.25
Extra Stocks and Dies, Complete, **Right Hand,**	Sizes, inches,	⅛	¼	3/8	½	¾	1
	Each,	$1.75	1.75	2.15	2.40	2 80	3.00
Extra Dies only,	"	1.00	1.00	1 25	1.25	1.50	1 50

(Left Hand not carried in Stock.)

The Dies are not solid, but readily adjustable to correct for wear and allow for irregular sizes of fittings, and may be taken apart to be ground.

SIMMONS HARDWARE COMPANY

LIGHTNING SCREW PLATES.

For Bolts.

Fig. No. D1313.

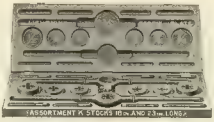


Fig. No. D1314.

No. K7 Set—7 Sizes Taps, Dies and Collets, 1 Stock each, 18 and 23 inches long.

								EACH
Sizes, Inches,	1/4	5/16	3/8	7/16	1/2	9/16	5/8	$18.00
Sizes, Threads,	20	18	16	14	12	11	10	

Complete in Case.

Extra Stocks only, for No. K7 Set, . . 2.00

Diameter of Collets in this Set, 7/16 in. and under, 2 3/16 in.
Diameter of Collets in this Set, 1/2 in. and over, 2 3/4 in.

No. L9 Set—9 Sizes Taps, Dies and Collets, 1 Stock each, 18 and 29 inches long.

										EACH.
Sizes, Inches,	1/4	5/16	3/8	7/16	1/2	9/16	5/8	3/4	7/8	$27.50
Sizes, Threads,	20	18	16	14	12	11	10	9	8	

Complete in Case.

Extra Stocks only, for No. L9 Set, . . 2.00

Diameter of Collets in this Set, 9/16 in. and under, 2 9/16 in.
Diameter of Collets in this Set, 1/2 in. and over, 2 3/4 in.

For Prices of Extra Taps, Dies and Collets, see Page 253.

Fig. No. D1315.

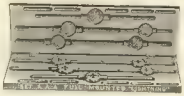
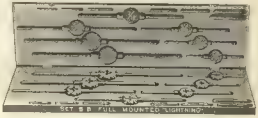


Fig. No. D1316.



Full Mounted, with Suitable Stock for Each Size Die.

No. AAA 5 Sizes Taps, Dies and **Stocks.**

						EACH.
Sizes, Inches,	1/4	5/16	3/8	7/16	1/2	$11.00
Sizes, Threads,	20	18	16	14	12	

Complete in Case.

No. BB—7 Sizes Taps, Dies and **Stocks.**

								EACH.
Sizes, Inches,	1/4	5/16	3/8	7/16	1/2	9/16	5/8	$16.00
Sizes, Threads,	20	18	16	14	12	11	10	

Complete in Case.

Extra Stocks, Dies and Taps Complete, without Case.

Diameter, inches,	1/4	5/16	3/8	7/16	1/2	9/16	5/8	11/16	3/4
Threads, .	20	18	16	14	12	12	11	11	10
Each, .	$1.77	1.80	2.03	2.26	2.62	3.03	3.29	3.63	3.97

For Prices of Extra Taps and Dies, see Page 253.

For Pipe.

Fig. No. D1317.

Fig. No. D1318.

No. C5—For Pipe.

No. C5 Set—5 Sizes Dies, 1/4, 3/8, 1/2, 3/4, 1 in., . EACH. $12.00

1/4 in. can be supplied with this Set, **extra,** . . 1.75

Extra Parts, Stocks, each, $3.50; **Dies,** each, $1.50; **Guides,** each, $0.25.

No. D3—For Pipe.

No. D3 Set—3 Sizes Dies, 1 1/4, 1 1/2, 2 in., . EACH. $30.00

1 in. can be supplied with this Set, **extra,** . . 3.00

Extra Parts, Stocks, each, $7.00. **Dies,** each, $4.00; **Guides,** each, $0.50.

SIMMONS HARDWARE COMPANY

TEA SCALES.

Fig. No. D3512.

Tea.

With Weights Complete.

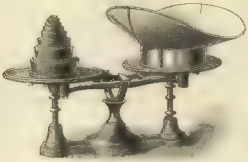
PER DOZEN.

No. 1—Tea, Capacity ½ oz. to **4 lbs., 2** Iron **Plates,** Japanned, **Tin Scoop,** Weight per dozen, 140 lbs., ... $15.00

One in a Paper Box. One-half Dozen in a Case.

EVEN BALANCE SCALES.

Fig. No. D3513



Hatch's, Even Balance.

PER DOZEN.

No. 1—Hatch's, Capacity ½ oz. to **8 lbs., 2** Iron **Plates,** Japanned, **Tin Scoop,** Weight per dozen, 384 lbs., ... $36.00

One in a Box.

LITTLE DETECTIVE SCALES.

Fig. No. D3514

Little Detective.

With Weights Complete.

PER DOZEN

Little Detective, Tin Scoop, Steel Bearings, Capacity ¼ oz. to **25 lbs.,** Weight per dozen, 120 lbs., ... $38.00

One in a Box.

SCALE WEIGHTS.

Fig. No. D3515.

Scale Weights.

Ounces,	½	1	2	4	8
PER DOZEN	$0.35	.45	.50	.85	1.50

Pounds,	1	2	4
PER DOZEN,	$2.50	4.50	8.50

PER SET.

In Sets, ½ oz. to **2 lbs.,** $0.60

In Sets, ½ oz. to **4 lbs.,** 1.25

MARKET SCALES.

Fig. No. D3516

Turnbull's, with Marble Slab.

EACH

No. 26—Capacity ½ oz. to **16 lbs.,** Weight 38 lbs., ... $15.00

No. 33—Capacity ½ oz. to **32 lbs.,** Weight 45 lbs., ... 16.00

One in a Wooden Case

FAMILY SCALES.

Fig. No. D3521

Fig. No. D3522.

Standard.

	EACH.
No. 192—Capacity **12 lbs.**, Weighing by Ounces, with Platform and Tin Scoop, Weight 6 lbs., .	$4.40
No. 54—Capacity **8 lbs.**, Weighing by ½ Ounces, **15 in. Tin Scoop,** Weight 5 lbs., .	$3.10
No. 56—Capacity **16 lbs.**, Weighing by Ounces, **18 in. Tin Scoop,** Weight 5½ lbs., .	3.15

One in a Box. Six in a Case.

Fig. No. D3523

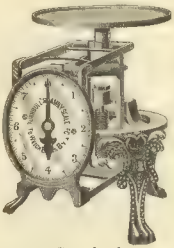
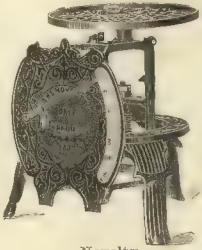


Fig. No. D3524



Standard.

Weighing by Ounces, with Platform.

	EACH
No. 53—Capacity **8 lbs.**, Weight 4 lbs.,	$2.95
No. 55 Capacity **16 lbs.**, Weight 4½ lbs.,	3.00

Novelty.

	EACH
No. 198—Capacity **12 lbs.**, Weighing by Ounces, with Platform, Weight 4 lbs., ...	$2.15

One in a Box. Six in a Case.

COUNTER SCALES.

Fig No D3508.

Union Platform.

Capacity ½ oz. to 240 lbs., Tin Scoop.

	EACH
S. H. Co.—Single Brass Beam, Steel Bearings, Japanned and Striped, Weight 50 lbs.,	$8.00
Excelsior, Single Brass Beam, Iron Bearings, Japanned and Striped, Weight 47 lbs.,	7 00
No. M—Standard, Single Brass Beam, Steel Bearings, Japanned and Striped, **with Mexican Kilos and Pounds,** Weight 47 lbs.,	8 60
No. 6—American, Double Brass Beam, Steel Bearings, Painted and Striped, Weight 49 lbs	9.25

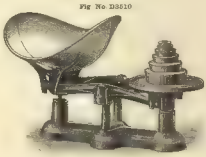
One in a Box.

Fig No D3509.

	EACH.
Premier Candy or Seed, **Seamless Brass Scoop, Single Brass Beam, Brass Sliding Poise;** Capacity ½ oz. to **4 lbs.; Ornamented in Gold and Vermilion,**	87.00

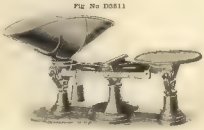
One in a Box. Weight, 15 lbs.

Fig No D3510



With Weights Complete.

Fig No D3511



Rensselaer, Even Balance.

Ornamented in Gold and Vermilion.

Capacity ½ oz. to 4 lbs.

	EACH.
No. 2 —Tin Scoop,	$4.50
No. 2A -Brass Scoop,	6.25

Weight Each, 16 lbs.

Rensselaer, Even Balance, Brass Side Beam.

Ornamented in Gold and Vermilion.

	EACH
No. 1 -Tin Scoop, Capacity ½ oz. to 12 lbs.,	$8.75

Weight Each, 30 lbs.

One in a Box.

SIMMONS HARDWARE COMPANY

FAIRBANKS' STANDARD SCALES.

Fig. No. D8503.

Even Balance.

Fig. No. D8504.

Even Balance, Side Beam.

With Weights Complete. Plain Painted.

Numbers.	Capacity.	Description.	Each.
686F	¼ oz. to 4 lbs.	Brass Scoop,	$5.75
685F	¼ oz. to 4 lbs.	Tin Scoop,	5.00
674F	¼ oz. to 6 lbs.	Brass Scoop,	6.75
673F	¼ oz. to 6 lbs.	Tin Scoop,	6.00
662F	¼ oz. to 10 lbs.	Brass Scoop,	8.00
661F	¼ oz. to 10 lbs.	Tin Scoop,	7.00

Average Weight, 30 lbs.

With Weights Complete Plain Painted.

Numbers.	Capacity.	Description.	Each
688F	¼ oz. to 4 lbs.	Brass Scoop,	$6.75
687F	¼ oz. to 4 lbs.	Tin Scoop,	6.00
676F	¼ oz. to 6 lbs.	Brass Scoop,	7.75
675F	¼ oz. to 6 lbs.	Tin Scoop,	7.00
664F	¼ oz. to 10 lbs.	Brass Scoop,	9.00
663F	¼ oz. to 10 lbs.	Tin Scoop,	8.00

Average Weight, 40 lbs.

Fig. No. D8505

Grocers' 2-Plate Trip and Scoop, with Balance Weight, Highly Ornamented, with Weights Complete.

Trip.

Numbers	Capacity.	With Tin Scoop, Each.	Numbers	With Brass Scoop, Each.
752F	¼ oz. to 2 lbs.	$ 8.50	760F	$ 7.50
751F	¼ oz to 6 lbs.	8.00	759F	9.00
750F	¼ oz. to 10 lbs.	10.00	758F	11.00
749F	¼ oz. to 16 lbs.	12.75	757F	14.25

Average Weight, 30 lbs.

Trip, with Brass Side Beam.

Numbers.	Capacity.	With Tin Scoop, Each.	Numbers.	With Brass Scoop, Each
756F	¼ oz. to 2 lbs.	$ 7.00	764F	$ 8.00
755F	¼ oz to 6 lbs.	8.75	763F	9.75
754F	¼ oz. to 10 lbs.	11.00	762F	12.00
753F	¼ oz. to 16 lbs.	13.75	761F	15.25

Average Weight, 40 lbs.

Fig. No. D8506

Grocers' Trip, Highly Ornamented, with Weights Complete.

Fig. No. D8507

Trip

Numbers.	Capacity.	With Tin Scoop, Each	Numbers.	With Brass Scoop, Each
704F	¼ oz. to 2 lbs.	$ 5.50	712F	$ 6.50
703F	¼ oz. to 6 lbs.	7.00	711F	8.00
702F	¼ oz. to 10 lbs.	9.00	710F	10.00
701F	¼ oz. to 16 lbs.	11.75	709F	13.25

Average Weight, 30 lbs

Trip, with Brass Side Beam.

Numbers.	Capacity.	With Tin Scoop, Each.	Numbers	With Brass Scoop, Each
708F	¼ oz. to 2 lbs.	$ 6.00	716F	$ 7.00
707F	¼ oz. to 6 lbs.	7.75	715F	8.75
706F	¼ oz. to 10 lbs.	10.00	714F	11.00
705F	¼ oz. to 16 lbs.	12.75	713F	14.25

Average Weight, 40 lbs

BUFFALO STANDARD SCALES.

Fig No D3486

Fig No D3487

Union, with Platform and Fork.

With Weights Complete, Capacity ½ oz. to 245 lbs.

Single Beam.	EACH.	Double Beam.	EACH.
No. 120B—Seamless Tin Scoop,	$14.00	**No. 123B—Seamless Tin Scoop,**	$15 00
No. 121B—Seamless Brass Scoop,	15.00	**No. 124B—Seamless Brass Scoop,**	16.00

Weight, 60 lbs.

Fig No D3488

Fig No D3489

Union, with Two Platforms.

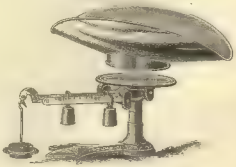
With Weights Complete, Capacity ½ oz. to 245 lbs.

Single Beam.	EACH.	Double Beam.	EACH.
No. 125B—Seamless Tin Scoop,	$14.50	**No. 127B—Seamless Tin Scoop,**	$15.50
No. 126B—Seamless Brass Scoop,	15.50	**No. 128B—Seamless Brass Scoop,**	16 50

Weight, 65 lbs.

Fig No D3490

Fig No D3491



Tea.

With Weights Complete, Capacity ¼ oz. to 10 lbs

	EACH.
No. 80B—Seamless Tin Scoop,	$8.00
No. 81B—Seamless Brass Scoop,	9.00

Weight, 27 lbs.

Grocer.

Double Beam, with Weights Complete, Capacity ½ oz to 62 lbs.

	EACH.
No. 98B—Seamless Tin Scoop,	$13.00

Weight, 65 lbs.

One in a Box.

SIMMONS HARDWARE COMPANY

SIMMONS HARDWARE COMPANY

BUFFALO STANDARD SCALES.

Fig No D3492

With Patent Automatic Scoop Balance.

"Columbian" Boston Platform, Seamless Scoop.

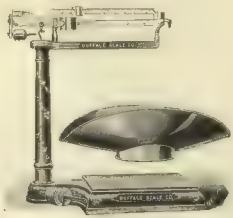
EACH.

No. 78B—Brass Scoop, Capacity 250 lbs. by ounces, **Nickel Plated Double Beam,** Nickel Plated Poises, Platform 15 x 12 in., Ornamented in Blue and Silver, $32.00

When the Scoop is placed on the Platform, the Ball on back of Beam automatically rolls to the right, thus balancing Scale with Scoop on, and when Scoop is taken off of the Scale, the Ball rolls to the left, balancing Scale without Scoop

Weight, 95 lbs.

Fig No D3493



Boston Platform.

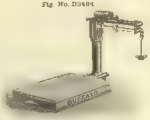
Capacity 250 lbs. by ounces, Nickel Plated Double Beam, Nickel Plated Poises, Platform 13½ x 10 in.

	EACH.
No. 75B Seamless Tin Scoop, . . .	$24.00
No. 76B Seamless Brass Scoop, . .	25.00

When Latch is thrown over to right, the Scale balances with Scoop on, and when thrown to the left, Scale will balance with Scoop off.

Weight, 77 lbs.

Fig No D3494



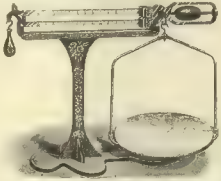
Extra Weights should not be added to make Scale weigh more than intended.

Counter Platform.

EACH.

No. 135B Capacity 300 lbs., Platform 13½ x 19 in., **without Wheels,** with Short Pillar, Sliding **Brass Poise** and **Brass Beam,** Weight 95 lbs., ... $19.00

Fig No D3495



Boston Market, with 15 in. Marble Slab.

EACH

No. 71B—Capacity 60 lbs. by 1 oz., **Nickel Plated, Brass Double Beam,** Nickel Plated Poises and Bows, Weight each, 90 lbs., . . $25.00

Fig No D3496.

With Weights Complete.

Even Balance.

Extra Finish, Brass Side Beam.

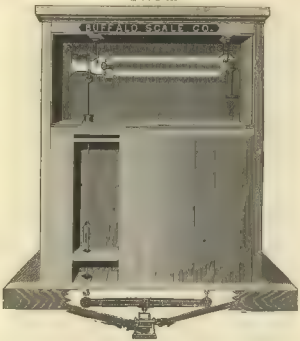
	EACH
No. 47B—Capacity ¼ oz. to 4 lbs., **Seamless Tin Scoop,** Weight 22 lbs., . . .	$ 7.00
No. 48B—Capacity ¼ oz. to 4 lbs., **Seamless Brass Scoop,** Weight 22 lbs., . .	8.00
No. 49B—Capacity ¼ oz. to 8 lbs., **Seamless Tin Scoop,** Weight 30 lbs., .	8.00
No. 50B—Capacity ¼ oz. to 8 lbs., **Seamless Brass Scoop,** Weight 30 lbs., .	9.00
No. 52B—Capacity ¼ oz. to 16 lbs., **Seamless Brass Scoop,** Weight 60 lbs., . .	11.50

One in a Box.

SIMMONS HARDWARE COMPANY

BUFFALO HAY AND WAGON SCALES.

Fig. No. D 1482

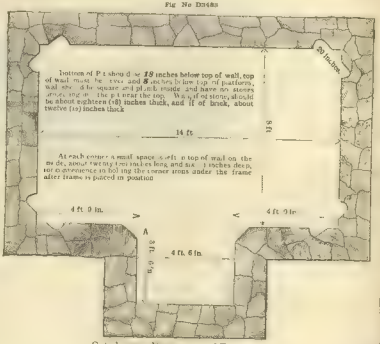


F Pattern, 5 Tons.

No. 31B Buffalo, **5 Tons**, Size of Platform, 14x8 feet, Double Brass Beam, Sliding Poises and Graduated Counter Poise, **complete with Beam Box,** . . . . . EACH. **$175.00**

Weight Ready for Shipment, 925 lbs. Complete Printed Instructions for Setting up Scale Packed with each Scale.

Fig. No. D1483



Cut showing Dimensions of Foundation

WE DO NOT FURNISH any Timber for this Scale: but the following Timber is Necessary: Pine is best, but Oak, Hemlock or other Timber may be used.

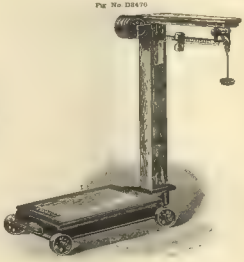
2 Pieces, 8 x 8 x 16 feet Long.
2 Pieces, 8 x 8 x 10 feet Long
2 Pieces, 8 x 8 x 14 feet Long.
2 Pieces, 4 x 8 x 14 feet Long.
2 Pieces, 4 x 10 x 8 feet Long.
14 Pieces, 2 x 12 x 8 feet Long.
1 Piece, 6 x 8 x 14 feet Long
1 Piece, 2 x 12 x 12 feet Long.
2 Pieces, 2 x 4 x 5 feet Long.
1 Piece, 4 x 12 x 3 feet Long.
2 Pieces, 2 x 2 x 4 feet Long.

SIMMONS HARDWARE COMPANY

PLATFORM SCALES.

Fig. No. D3475

Fig. No. D3476



☞ **Extra Weights should not be added to make Scales weigh more than intended.**

Rensselaer, with Wheels and Sliding Poise.

	EACH.
Capacity **600 lbs.**, Platform 22 x 16 in., Weight 152 lbs.,	$16.00
Capacity **800 lbs.**, Platform 24 x 17 in., Weight 173 lbs.,	18.00

Victor.

	EACH.
Capacity **800 lbs.**, Platform 24 x 16 in., with Wheels and Sliding Poise, Weight 160 lbs.,	$20.00

Fig. No. D3477

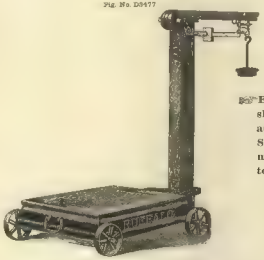
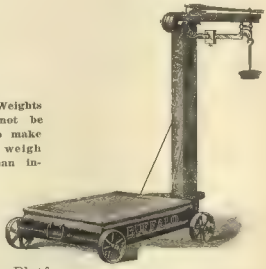


Fig. No. D3478



☞ **Extra Weights should not be added to make Scales weigh more than intended.**

Buffalo, Portable Platform.

With Wheels and Sliding Poise.

Nos.	Capacity, Pounds.	Platform, Inches.	Weight, Pounds.	Each.
200B	400	21 x 15	130	$26.00
202B	600	25 x 16	175	33.00
204B	800	25 x 17	190	38.00
206B	1,000	26 x 17	200	43.00

With Wheels, Drop Lever and Sliding Poise.

Nos.	Capacity, Pounds.	Platform, Inches.	Weight, Pounds.	Each.
240B	1,000	26 x 17	230	$51.00

SIMMONS HARDWARE COMPANY

FAIRBANKS' STANDARD SCALES.

Fig No D3487

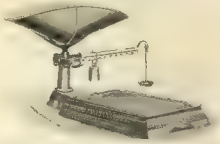


Fig No D3488

Union or Family.

Platforms 10½ x 13½ in.

Single Beam. Capacity ½ oz. to 240 lbs.	EACH.
No. 500F—Tin Scoop, Platform and Fork,	$14 00
No. 502F—Brass Scoop, Platform and Fork,	15.00
No. 508F—Tin Scoop, Two Platforms,	14.50
No. 510F—Brass Scoop, Two Platforms,	15.50

Double Beam. Capacity ½ oz. to 240 lbs.	EACH
No. 504F—Tin Scoop, Platform and Fork,	$15 00
No. 506F—Brass Scoop, Platform and Fork,	16 00
No. 512F Tin Scoop, Two Platforms,	15.50
No. 514F—Brass Scoop, Two Platforms,	16 50

Average Weight, 50 lbs.

Fig No D3489

Fig No D3500

Green Mountain Counter.

Platform 10½ x 14½ in.

Double Beam, Nickel Plated. Capacity 1 oz. to 250 lbs.

	EACH.
No. 513F—Tin Scoop,	$24.00
No. 515F Brass Scoop,	25.00
No. 517F—Seamless Tin Scoop,	25.00
No. 519F—Seamless Brass Scoop,	27.00

Average Weight, 55 lbs.

Butter, with 10 in. Square Porcelain Plate.

Capacity ½ oz. to 22 lbs.

	EACH
No. 564F Single Beam,	$10.50
No. 566F Double Beam,	11 50

Average Weight, 50 lbs.

Fig No D3501

Fig No D3502

Grocers'.

Capacity ½ oz. to 63 lbs.	EACH
No. 536F—Tin Scoop, Single Beam,	$12.00
No. 538F—Brass Scoop, Single Beam,	13.50
No. 540F—Tin Scoop, Double Beam,	13 00
No. 542F—Brass Scoop, Double Beam,	14.50

Average Weight, 52 lbs.

Counter.

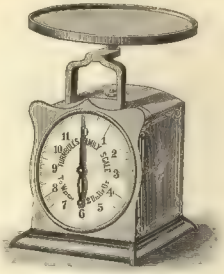
Capacity ½ oz. to 37 lbs.	EACH.
No. 554F Tin Scoop, Single Beam,	$10.00
No. 556F Brass Scoop, Single Beam,	11.50
No. 558F Tin Scoop, Double Beam,	11.00
No. 560F—Brass Scoop, Double Beam,	12.50

Average Weight, 33 lbs.

One in a Box.

FAMILY SCALES.

Fig. No. D3517



Cut shows No. 190.

Weighing by **Ounces**, with Platform, without Scoop.

	EACH
No. 190 Capacity 12 lbs., Weight each, 6 lbs.,	$4.10
No. 195 Capacity 25 lbs., Highly Ornamented and Finished, Weight each, 9 lbs.,	4.80

One in a Wooden Box. Six in a Case

Fig. No. D3518

	EACH.
No. 195A—Capacity 25 lbs., Weighing by **Ounces, Platform and Porcelain Pan**, Highly Ornamented and Finished, Weight each, 11 lbs.,	$5 05

One in a Wooden Box. Six in a Case.

Fig. No. D3519

Standard, 1890 Pattern.

	EACH.
No. 206—Capacity 25 lbs., Weighing by **Ounces, Platform and Tin Scoop**, Weight each, 23 lbs.,	$5 85

One in a Wooden Box. Six in a Case.

Fig. No. D3520

Standard

	EACH
No. 197—Capacity 25 lbs., Weighing by **Ounces, Platform and Tin Scoop**, Weight 9 lbs.,	$5 15

One in a Wooden Box. Six in a Case.

HAY AND WAGON SCALES.

Fig No D3484

In ordering, always state size of Platform, and whether Single or Double Beam.

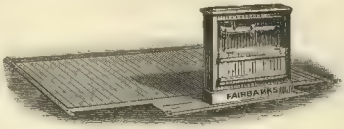
Victor

Victor—Single Brass Beam, Complete with Beam Box,	Capacity, **Tons,** .	2	2½	3	3
	Size of Platform, feet,	6 x 12	6 x 12½	6½ x 13	7 x 14
	Shipping Weight, lbs.,	525	550	590	575
	Each, .	$60 00	70 00	75 00	80.00

Victor—Double Brass Beam, Complete with Beam Box,	Capacity, **Tons,** . .	3	4	5	6
	Size of Platform, feet, .	8 x 14	8 x 14	8 x 15	8 x 16
	Shipping Weight, lbs., .	625	650	675	725
	Each, ...	$85.00	90 00	100.00	130.00

Fig No D3485

In ordering, always state size of Platform, and whether Single or Double Beam.



Fairbanks.

All Brass Beams, with **Graduated Counter Poise,** Complete with Beam Box.

Nos., ...	**2116**	**2114**	**2112**	**2110**	**2101**
Capacity, **Tons,** . .	3	4	5	6	6
Size of Platform, feet, . .	8 x 14	8 x 14	8 x 14	8 x 14	8 x 22
Shipping Weight, lbs., .	785	825	855	950	1325
Each, **(Single Beam),** .	$145.00	170.00	200.00	225.00	265.00
Each, **(Double Beam),** .	$155.00	180.00	210.00	240.00	280.00

Printed Instructions with Plans for Erecting, sent with each Scale.

FAIRBANKS' STANDARD SCALES.

Fig No. D3479

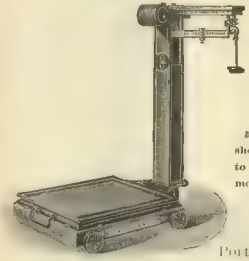


Fig No. D3480

☞ Extra Weights should not be added to make Scales weigh more than intended.

Portable Platform

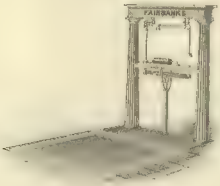
With Wheels and Sliding Poise.

Nos.	Capacity, Pounds.	Platform, Inches.	Weight, Pounds.	Each.
1128F	600	16 x 25	110	$33.00
1126F	800	17 x 26	160	38.00
1124F	1,000	17 x 26	170	43.00
1122F	1,200	20 x 28	228	49 00
1120F	1,500	21 x 28	250	56 00
1118F	2,000	25 x 33	315	75 00
1116F	2,500	26 x 34	375	85 00

With Wheels and Drop Lever.

Nos.	Capacity, Pounds.	Platform, Inches.	Weight, Pounds.	Each.
1174F	1,000	17 x 26	210	$51.00
1172F	1,200	20 x 28	285	59.00
1170F	1,500	21 x 28	390	70.00
1168F	2,000	25 x 33	430	82.00
1166F	2,500	26 x 34	775	94.00

Fig No. D3481



Dormant, Warehouse.

With 2 Iron Plates, Sliding Poise Beam and Graduated Counter Poise.

With Single Beam.

Nos.	Capacity, Pounds.	Platform, Inches.	Weight, Pounds.	Each.
1050F	2,500	37 x 46	775	$103.00
1048F	3,500	42 x 44	945	125.00
1046F	5 000	48 x 48	1,350	170.00

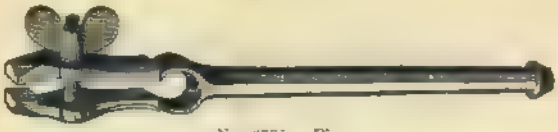
With Double Beam.

Nos.	Capacity, Pounds.	Platform, Inches.	Weight, Pounds.	Each.
1050DF	2,500	37 x 46	775	$113 00
1048DF	3,500	42 x 44	945	131 00
1046DF	5,000	48 x 48	1,350	180 00

Vises.

PIN AND HAND

Fig. 1577



No. 673½. Pin.

No. 673½, French Pin, Polished, Drilled Handle, - - - - - per dozen, $8 00

Fig 1578.

Lowell Wrench Co.'s Pin.

Fig. 1579

Lowell Wrench Co.'s Hand.

Lowell Wrench Co.'s Pin, Nickel-plated, - - - - - per dozen, $15 00
" " Hand, " - - - - - " 18 00

HAND AND TELEGRAPH

Fig. 1580.

Nos. 142 Y, 182, 180

Fig. 1581.

No. 672.

Fig. 1582

The Compound Power, without Ring.

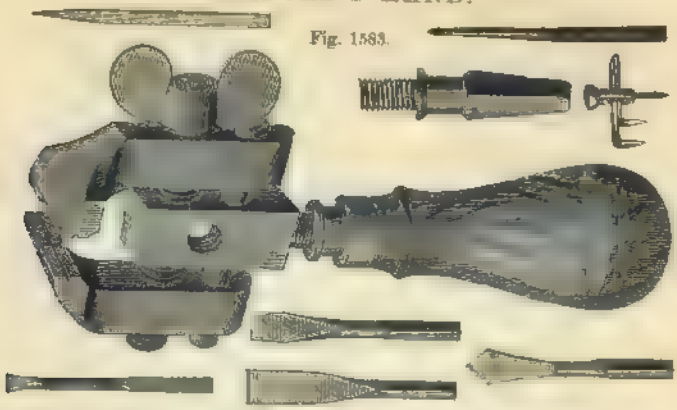
No. 142 Y, Best Cast Steel, Black, Bright Jaws,	Inches,	3½	4	4½	5	5½	6
	Per Dozen.	$6 15	6 15	6 15	7 35	8 50	9 75
6 Best Cast Steel, Extra Quality Black, Bright Jaws.	Inches,	3½	4	4½	5	5½	6
" " " Telegraph, with Ring,	Per Doz.,	$8 50	8 50	8 50	10 00	12 00	14 75
	"	....	....	....		25 00	
182 Stubs Best Cast Steel, Black, Bright Jaws.	Inches,	3	3½	4	4½	5	6
	Per Doz.,	$11 00	12 00	13 00	15 00	20 00	24 00
182D, Stubs' Dog Nose, Best Cast Steel, Narrow Jaws,	Inches,	3½	4	4½	5		6
	Per Dozen,	$12 00	13 00	15 00	20 00		24 00

The Compound Power, Hand, Solid Cast Steel, without Ring, 6 inches, per dozen, $30 00
" " " " " with " 6 " " " 32 00

Vises.

ALFORD'S HAND.

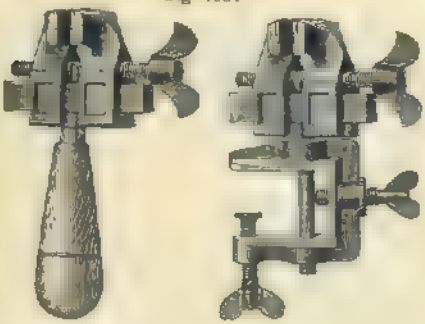
Fig. 1583.



Alford's Hand, Length 8¾ inches, Tempered Steel Jaws, Width of Jaws 1¼ inches, Jaws open 1¼ inch, Hollow Rosewood Handle, Lignum-vitæ Cap, - - per dozen, $21 00

The Handle contains 8 Awls, Countersink, Screw Driver, Chisel, Washer Cutter, and Bit Shank. The Handle can be unscrewed from the Vise, and the Bit Shank put in its place to be used in a [illegible] for any kind of boring or for cutting Washers. The Handle can be screwed into the Vise at a right-angle to its usual position, which is desirable for many kinds of work.

Fig. 1584



No. 20.

Fig. 1585

Nos. 155 Y and 180.

No. 20, Bonney's Swivel Bench and Hand Vise, Length 6 inches, 1½-inch Steel Jaws, - per dozen, $16 00

Weight, each, - - - -	Pounds,	2	3	4
No. 155 Y, German Bench, with Anvil, Best Quality,	Per Dozen,	$20 00	20 00	20 00

No. 180, Stabs Pattern, Jewelers Bench with Anvil, Cast Steel Polished Jaws and Anvil

Weight, each,	Pounds,	2	3	4
	Per Dozen,	$42 00	42 00	46 00

No. 185, Stab's Pattern, Jewelers Swivel Bench, with Anvil, Cast Steel, Polished Jaws and Anvil,
Weight, each, 4 pounds, - - - - - - each, $7 20

Vises.

SOLID BOX.

Fig. 1586.

		Weight, about		Width of Jaws			
No. 35,	Vise,	35	pounds,	3½	inches,	each,	$10 00
40,	"	40	"	4	"	"	10 50
45,	"	45	"	4¼	"	"	11 00
50,	"	50	"	4½	"	"	11 50
55,	"	55	"	4¾	"	"	12 00
60,	"	60	"	4⅞	"	"	13 00
65,	"	65	"	4¾	"	"	14 00
70,	"	70	"	5	"	"	15 00
75,	"	75	"	5	"	"	16 00
80,	"	80	"	5¼	"	"	17 50
85,	"	85	"	5½	"	"	18 50
90,	"	90	"	5¾	"	"	20 00
95,	"	95	"	5¾	"	"	21 00
100,	"	100	"	6	"	"	22 00
105	"	105	"	6	"	"	23 00
110	"	110	"	6¼	"	"	24 00
115,	"	115	"	6¼	"	"	25 00
120,	"	120	"	6½	"	"	26 00
125,	"	125	"	6½	"	"	27 50
130,	"	130	"	6¾	"	"	29 00
140,	"	140	"	7	"	"	33 00
150,	"	150	"	7	"	"	36 00

BOXES AND SCREWS.

Fig. 1587

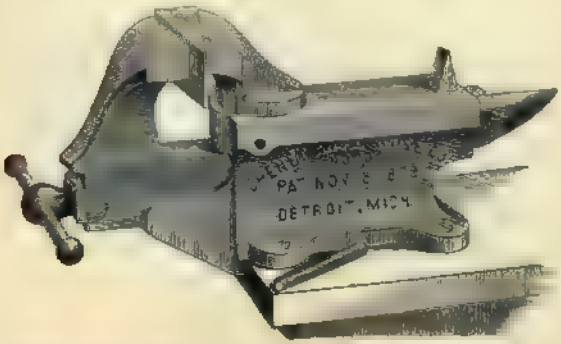
No. 1,	For Vises from Nos.	35 to 40,	-	each,	$3 50
2,	" "	45 to 60,		"	4 00
3,	" "	65 to 85,	- -	"	4 50
4,	" "	90 to 130,	- -	"	6 50
5,	" "	135 to 200,	- - -	"	8 00

PETER WRIGHT & SONS' SOLID BOX VISES.

All Sizes, Weights 60 to 140 pounds, - - per pound, $.

CHENEY'S COMBINED ANVIL AND VISE.

Fig. 1588



No. 10,	Face of Anvil,	4½x2	inches,	Width of Jaws,	2½	inches,	Opens	3	inches,	-	-	each,	$3 50
20,	" "	6½x3	"	" "	3½	"	"	4	"	-	-	"	4 50
30,	" "	8 x3½	"	" "	4	"	"	5	"	-	-	"	5 50
40,	" "	8½x4	"	" "	4½	"	"	6	"	-	-	"	6 50

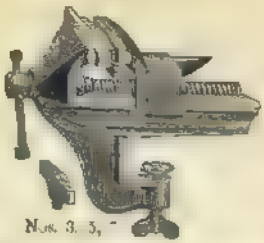
Vises.

BONNEY'S, WITH CLAMP.

Fig. 1589.

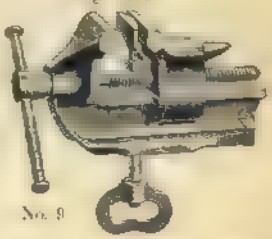
Nos. 1, 1½, 2.

Fig. 1590.



Nos. 3, 5, 7.

Fig. 1591



No. 9

No. 1,	Width of Jaws,	1¼	inches,	Weight	1½	pounds,	with Anvil,	Plain Iron Jaws,	per dozen,	$ 3 50
1½,	"	1¾	"	"	1½	"	"	" "	"	4 50
2,	"	2	"	"	2	"	"	" "	"	6 00
2½,	"	2	"	"	2½	"	"	" Steel Jaws,	"	8 00
3,	"	2½	"	"	2¾	"	"	Swivel "	"	11 00
3½,	"	2½	"	"	2½	"	"	Plain Iron Jaws,	"	50
4,	"	2¾	"	"	5	"	"	" "	"	15 00
5,	"	2¾	"	"	5	"	"	Swivel "	"	18 00
6,	"	2¾	"	"	5	"	"	Plain Steel Jaws,	"	18 00
7,	"	2¾	"	"	5	"	"	Swivel "	"	21 00
8,	"	2¾	"	"	5	"	"	Plain " Wrought Screw	"	18 00
9,	"	3¼	"	"	8	"	"	Swivel "	"	2 00

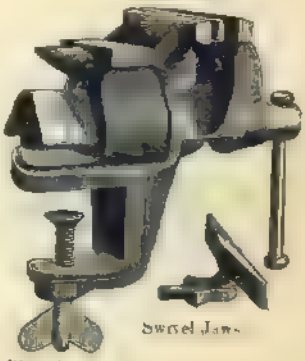
Complete Set of 12 Vises, and Sample Stand, packed in a box, - - per set, $14 00

RITCHIE'S CHAMPION, WITH CLAMP

Fig. 1592.

Plain Jaws.

Fig. 1593



Swivel Jaws.

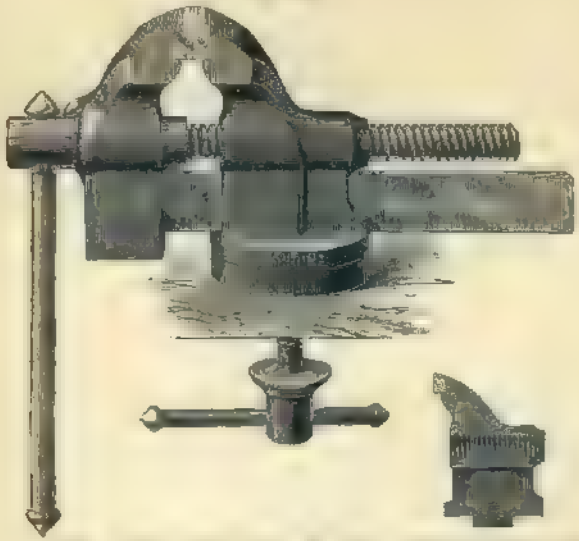
No. 112,	Width of Jaws,	1½	inches,	Weight	1¼	pounds,	with Anvil,	Plain Iron Jaws,	per dozen,	$4 50
113,	"	1¾	"	"	1½	"	"	" "	"	6 00
114,	"	2		"	2½	"	"	" "	"	8 00
115,	"	2	"	"	2½	"	"	Swivel "	"	10 00
116,	"	2	"	"	2½	"	"	Plain Steel Jaws,	"	15 00
117,	"	2	"	"	2½	"	"	Swivel "	"	21 00
118,	"	2½	"	"	3½	"	"	Plain Iron Jaws,	"	18 00
119,	"	2½	"	"	3½	"	"	" Steel Jaws,	"	24 00
120,	"	2½	"	"	3½	"	"	Swivel "	"	30 00
121,	"	3	"	"	7½	"	"	Plain Iron Jaws,	"	24 00
122,	"	3	"	"	7½	"	"	" Steel Jaws,	"	30 00
123,	"	3	"	"	7½	"	"	Swivel "	"	36 00

Complete Set of 12 Vises, and Revolving Sample Stand, packed in a box, - - per set, $20 50

Vises.

MERRILL'S PARALLEL SWIVEL.

Fig. 1594.



Width of Jaws,	4	inches,	Opens	8	inches,	Weight	each,	[illegible] pounds,	Diameter of Screw	1¼ inch,	each, $11 00
"	5	"	"	[illegible]	"	"		80	"	1½	" 13 00
"	6½	"	"	10	"	"		5	"	1⅝	" 17 00
"	8	"	"	12	"	"		165	"	1⅝	" 22 00

HOLLAND'S PATENT OFFSET JAW.

Fig. 1595.

Machinists' Swivel Base.

Fig. 1596.

Coachmakers' Stationary Base.

Machinists' Swivel Base,	Width of Jaws	2	inches,	Opens	3	inches,	Weight,	each,	[illegible]	pounds,	each,	$ 5 00
"	"	3½	"	"	3½	"	"	"	8	"	"	6 25
"	"	4½	"	"	7	"	"	"	65	"	"	13 50
"	"	[illegible]	"	"	10	"	"	"	145	"	"	28 25
Coachmakers' Stationary,	"	4½	"	"	9	"	"	"	60	"	"	10 00

Vises.

PERFECT RAPID TRANSIT MACHINISTS'

Fig. 1597

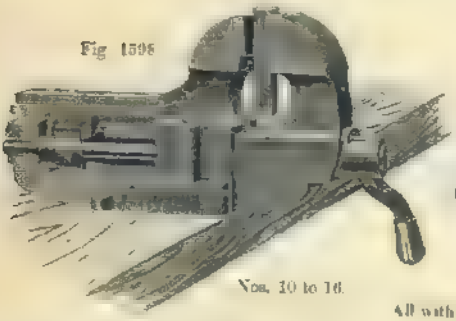
Stationary Bottom

Number,	0	1	2	3	4
Width of Jaws, Inches,	3½	4	4½	5½	6½
Jaws open, "	4½	5½	6	8	9
Weight, each, Pounds,	32	42	70	109	140
With Stationary Bottom, Each,	$7 75	9 50	11 50	17 50	23 00
With Swivel Bottom, "	8 75	10 50	12 50	18 50	25 00

LIGHTNING GRIP.

Machinists'.

Fig. 1598



Nos. 10 to 16.

Coachmakers'

Fig. 1599

No. 18

All with Swivel Bases

Number,	10	11	12	13	14	15	16	18
Width of Jaws, Inches,	2¾	3½	4½	5	5½	6	7	4½
Jaws open, "	4	5	6	6	8	9	11	10
Weight, each, Pounds,	[illegible]	35	6[illegible]	[illegible]	[illegible]	[illegible]	13[illegible]	5[illegible]
Each,	$6 25	8 50	11 50	14 00	17 50	22 00	36 00	10 00

CARPENTERS' AND WOODWORKERS' BENCH

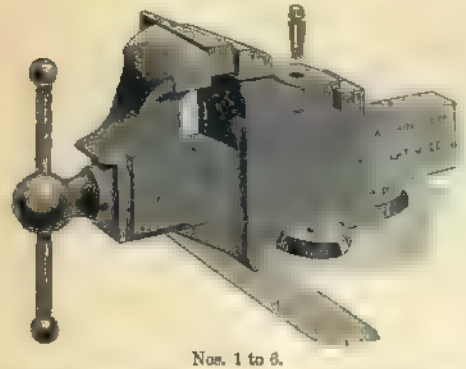
Fig. [illegible]

No. 17. Width of Jaws, 9 inches, Jaws open [illegible] inches, Weight, each, [illegible] pounds, each, $6 [illegible]

Vises.

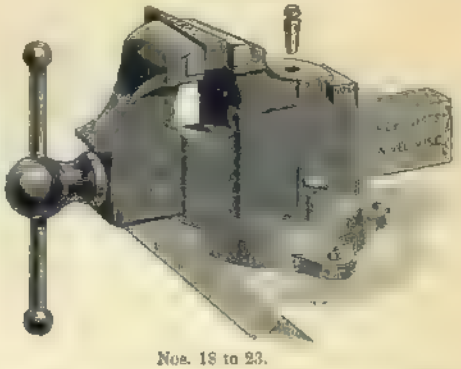
PRENTISS' PATENT, SELF-ADJUSTING JAWS.

Machinists', Stationary Bottom
Fig. 1601.



Nos. 1 to 6.

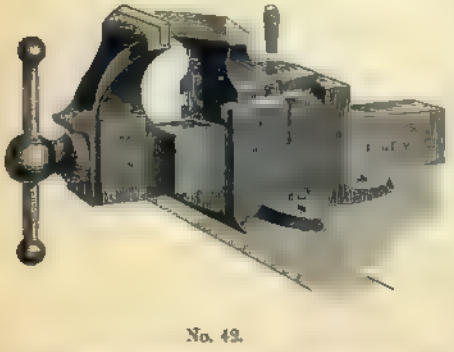
Machinists', Swivel Bottom
Fig. 1602.



Nos. 18 to 23.

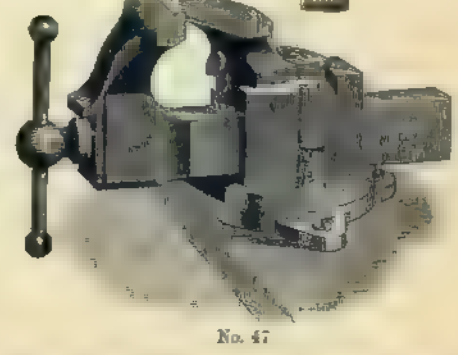
No. 1,	Machinists.	Stationary	Bottom,	Width of	Jaws	2¾	inches,	Opens	3	inches,	Weight	18½	pounds, each, $5 50
2,	"	"	"	"	"	3½	"	4¾	"	38	"	"	7 00
2½,	"	"	"	"	"	4	"	5½	"	41	"	"	9 00
3,	"	"	"	"	"	4½	"	6	"	54	"	"	10 50
4,	"	"	"	"	"	5½	"	8	"	95	"	"	17 00
5,	"	"	"	"	"	6	"	9	"	146	"	"	24 00
6,	"	"	"	"	"	7	"	11	"	184	"	"	30 00
18,	"	Swivel	"	"	"	3½	"	3½	"	17	"	"	6 75
19,	"	"	"	"	"	3½	"	4¾	"	32	"	"	8 50
19½,	"	"	"	"	"	4	"	5½	"	46	"	"	10 50
20,	"	"	"	"	"	4½	"	6	"	65	"	"	12 50
21,	"	"	"	"	"	5½	"	8	"	109	"	"	19 00
22,	"	"	"	"	"	6	"	9	"	168	"	"	27 00
23,	"	"	"	"	"	7	"	11	"	207	"	"	35 00

Filers' Stationary Bottom.
Fig. 1603.



No. 42.

Filers' Swivel Bottom.
Fig. 1604



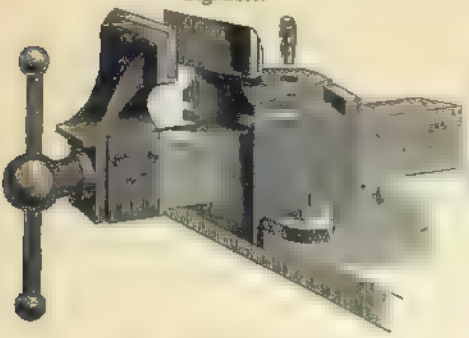
No. 47

No. 42,	Filers'	Stationary	Bottom.	Width of	Jaws	4½	inches,	Opens	5½	inches,	Weight	42	pounds, each, $ 8 00
47,	"	Swivel	"	"	"	4½	"	5½	"	47	"	"	10 00

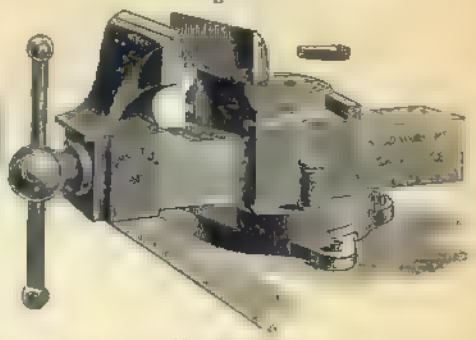
Vises.

PRENTISS' PATENT, SELF-ADJUSTING JAWS.

Coachmakers Stationary Bottom.
Fig. 1605.



Coachmakers Swivel Bottom
Fig. 1606.



Nos. 10 and 12

Nos. 26 and 27

No. 10,	Coachmakers'	Stationary	Bottom,	Width of	Jaws	4½	inches,	Opens	9½	inches,	Weight	59 lbs.,	each,	$11 00
12,	"	"	"	"	"	3½	"	"	7	"	"	30 "	"	8 00
26,	"	Swivel	"	"	"	4½	"	"	9½	"	"	67 "	"	13 50
27,	"	"	"	"	"	3½	"	"	7	"	"	34 "	"	9 50

Jewelers' Stationary Bottom.
Fig. 1607.

Jewelers' Swivel Bottom
Fig. 1608.

Nos. 30 to 33.

Nos. 35 to 38.

No. 30,	Jewelers'	Stationary	Bottom,	Width of	Jaws	1¾	inches,	Opens	1¾	inches,	Weight	1½	pounds,	each, $3 50
31,	Same as	No. 30,	Full	Nickel-plated,										" 5 75
32,	Jewelers'	Stationary	Bottom,	Width of	Jaws	2	inches,	Opens	2	inches,	Weight	2½	pounds,	" 4 50
33,	Same as	No. 32,	Full	Nickel-plated,										" 6 50
35,	Jewelers'	Swivel	Bottom,	Width of	Jaws	1¾	inches,	Opens	1¾	inches,	Weight	2	pounds,	" 4 50
36,	Same as	No. 35,	Full	Nickel-plated,										" 6 75
37,	Jewelers'	Swivel	Bottom,	Width of	Jaws	2	inches,	Opens	2	inches,	Weight	4½	pounds,	5 [illegible]
38,	Same as	No. 37,	Full	Nickel-plated,										" 7 50

PEERLESS SWIVEL PIPE GRIP.

Fig. 1609.

Can be applied to any Vise.

No. 1,	Fits any	3 to	4½-inch	Vise,	and will hold	½ to	2½-inch	Pipe,						each, $2 50
2,	"	5 to	6½	"	"	"	½ to	5	"					" 2 75

Vises.

PARKER'S PATENT OVAL SLIDE.

Fig. 1610

No. 30,	Oval Slide,	Painted Black,	Weight	8½	pounds,	Width of Jaws	2½	inches.	-	-	each.	$2 50
31,	"	"	"	13	"	"	3	"	-	-	"	3 00
32,	"	"	"	19	"	"	3½	"			"	4 25
33,	"	"	"	22	"	"	3½	"	-	-	"	4 75
34,	"	"	"	28	"	"	4	"			"	6 50

PARKER'S PATENT MACHINISTS'

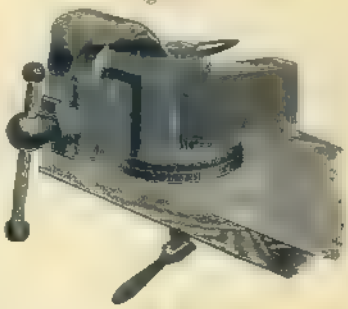
Stationary Bottom.

Fig. 1611.

No. 0000

Swivel Bottom

Fig. 1612.



No. 2000

No. 0000,	Stationary Bottom,	Painted Green,	Weight	23	pounds,	Width of Jaws	3½	inches	-	each,	$ 5 50
100,	"	"	"	31½	"	"	3½	"		"	6 50
200,	"	"	"	41½	"	"	4½	"	-	"	8 50
300,	"	"	"	59½	"	"	4½	"		"	10 75
2000,	Swivel	"	"	8½	"	"	2½	"	-	"	4 00
2100,	"	"	"	23	"	"	3½	"		"	6 25
2200,	"	"	"	36	"	"	3½	"	-	"	8 00
2300,	"	"	"	48	"	"	4½	"		"	10 00

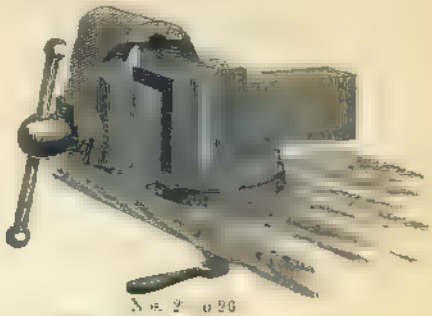
Vises.

PARKER'S PATENT MACHINISTS'.

Stationary Bottom.
Fig. 1613.

Nos. 00 to 6

Swivel Bottom.
Fig 1614.



Nos. 2 to 26

Machinists' Stationary Bottom, Painted Black

	No	00	[illegible]	2	3	4	[illegible]	[illegible]
Width of Jaws,	Inches,	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Weight, each,	Pounds,	22	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	Each,	$6 25	[illegible]	9 00	11 75	16 25	24 00	30 00

Machinists', Swivel Bottom, Painted Black

	No.	19	20	21	22	23	24	25	26
Width of Jaws,	Inches,	2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Weight, each,	Pounds,	[illegible]	[illegible]	[illegible]	35	[illegible]	[illegible]	90	131
	Each,	$4 00	5 00	7 00	8 75	11 00	14 50	20 50	30 00

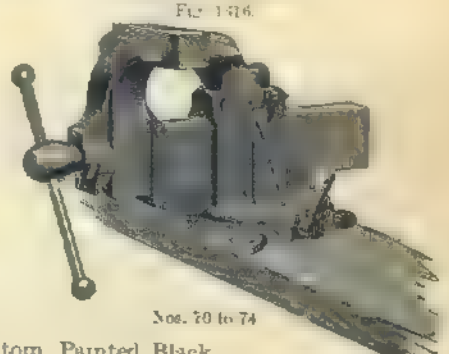
Nos. 19, 20, 21, 22, have Parker's Cast Steel Anvil.

PARKER'S PATENT MACHINISTS', ADJUSTABLE JAWS

Stationary Bottom
Fig. [illegible]

Nos. 170 to 174.

Swivel Bottom
Fig. 1716.



Nos. 70 to 74

Machinists' Stationary Bottom, Painted Black.

	Number	170	171	172	[illegible]	174
Width of Jaws,	Inches,	3¼	3⅝	4¼	4½	[illegible]
Weight, each,	Pounds,	26	38	57	[illegible]	[illegible]
	Each	[illegible]	[illegible]	10 50	[illegible]	[illegible]

Machinists' Swivel Bottom, Painted Black

	Number,	70	71	72	73	74
Width of Jaws,	Inches,	3¼	3⅝	4¼	4½	5⅝
Weight, each,	Pounds,	30	44	66	90	100
	Each,	$7 00	8 5	12 50	16 00	19 00

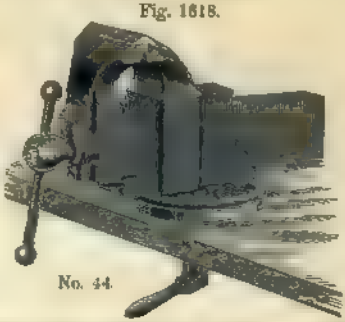
Vises.

PARKER'S PATENT FILERS'

Stationary Bottom.
Fig. 1617.

Nos. 42, 42½.

Swivel Bottom.
Fig. 1618.



No. 44.

No. 42,	Stationary Bottom,	Filers,	Painted Black,	Width of Jaws	4	inches,	Weight,	33	pounds,		each,	$7	25
42½,	"	"	"	"	"	3½	"	"	30	"	"	6	75
44,	Swivel	"	"	"	"	"	4	"	"	37	"	"	8	75

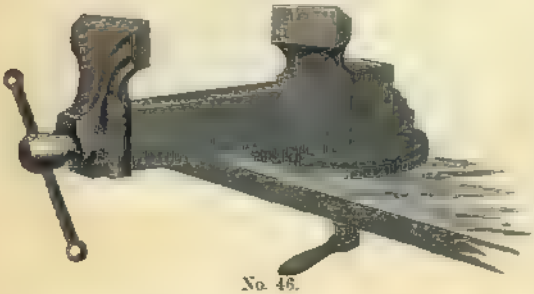
PARKER'S COACHMAKERS'

Stationary Bottom and Jaws.
Fig. 1619

Nos. 40½, 4000.

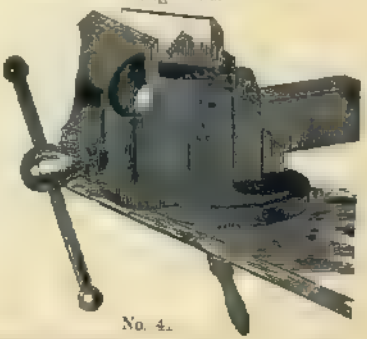
No. 40½,	Stationary Bottom and Jaw,	Coachmakers',	Painted Black,	Width of Jaws	4½	in.,	Opens	3	in.,		each,	$10	25
4000,	"	"	"	"	"	Green	"	"	4	"	"	10	00

Swivel Bottom, Stationary Jaws.
Fig. 1620.



No. 46.

Swivel Bottom and Jaw.
Fig. 1621.



No. 41.

No. 41,	Swivel Bottom,	Swivel Jaw,	Coachmakers',	Painted Black,	Width of Jaws	4½	in.,	Opens	9	in.,	each,	$14	00
46,	"	Stationary Jaw,	"	"	"	"	4	"	"	8	"	"	12	50

Vises.

PARKER'S PATENT SWIVEL BOTTOM PIPERS'.

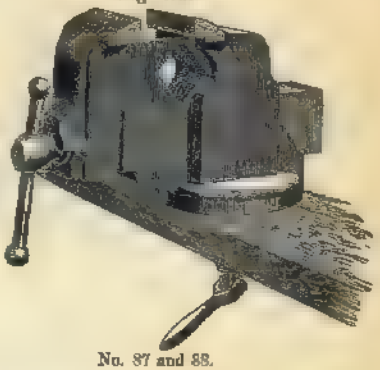
With Interchangeable Jaws.

Fig. 1622.

No. 86.

Combination.

Fig. 1623

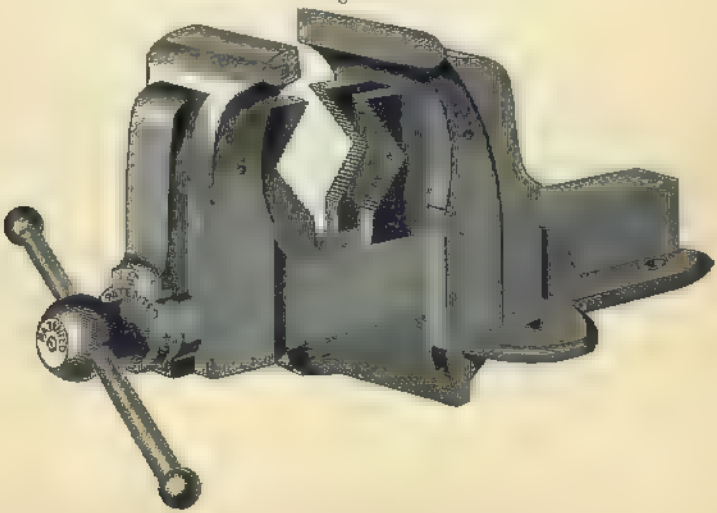


No. 87 and 88.

No. 86,	Round and P pers' Jaws, holding 3-inch Pipe and under, Weight, each, 76 pounds,														each,	$14 75
87,	"	"	"	"	2	"	"	"	"	"	41	"			"	16 00
88,	"	"	"	"	3	"	"	"	"	"	89	"			"	20 00

Combination, Stationary Bottom.

Fig. 1624.



No. 88½.

No. 88½, Round and Pipers' Jaws, holding 4-inch Pipe and under, Weight, each, 94 pounds, - each. $28 00

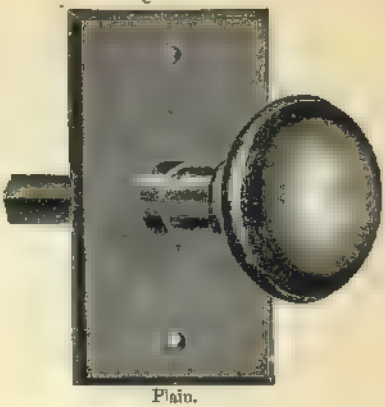
Bell Pulls.

Fig. 3819.

Ornamental.

Cuts ½ Size.

Fig. 3820.



Plain.

No. 3548,	1¾ inch Knob, Bronze Metal,	per doz.	$10 80	No. 1548,	1¾ inch Knob, Bronze Metal, per doz. $10 80
3548,	1¾ " " Amber Bronzed,	"	4 00	101548,	1¾ " " No. 13 Finish, " 8 00
23548,	1¾ " " No. 14 Finish,	"	8 00		

One-half Dozen in a Box.

Fig. 3821

Ornamental.

Cuts ½ Size.

Fig. 3822

Plain.

No. 2980,	1¾ inch Knob, Bronze Metal,	per doz.	$10 80	No. 1540½,	1¾ inch Knob, Bronze Metal, per doz. $18 00
23980,	1¾ " " No. 14 Finish,	"	8 00		

One in a Box.

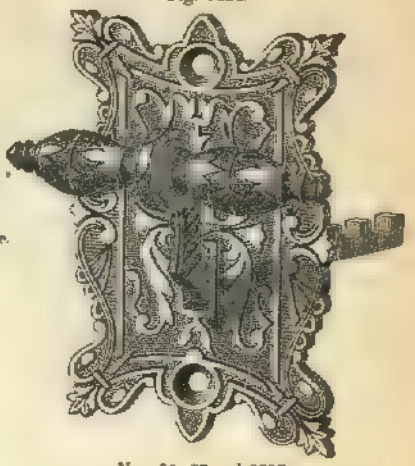
Bell Levers.

Fig 3823

No. 29.

Cuts ⅔ Size.

Fig. 3824.



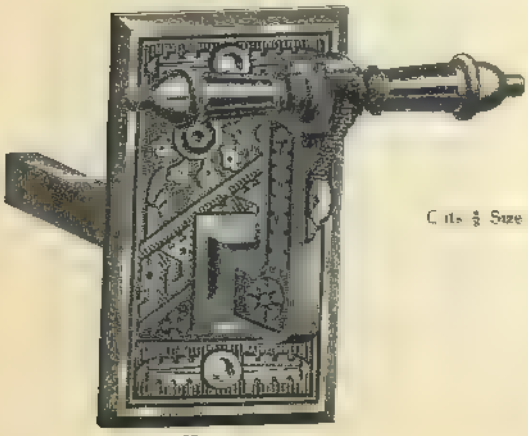
Nos. 91, 37 and 2037.

No 91, Bronze Metal, - - per dozen, $10 00
29, " " - - " 10 00

No. 37, Amber Bronzed, - per dozen, $3 00
2037, No. 14 Finish, - " 6 00

One-quarter Dozen in a Box

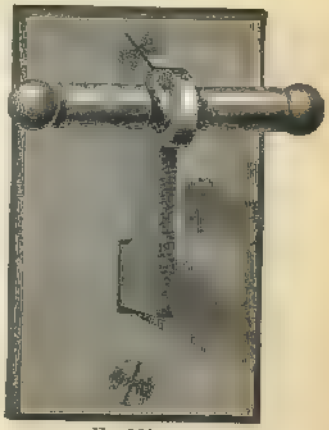
Fig 3825.



No. 28½.

Cuts ⅔ Size

Fig. 3826



No. 28½.

No. 28½, Bronze Metal, per dozen, $12 00 | No. 28½, Bronze Metal, - per dozen, $16 20

One-quarter Dozen in a Box.

Electric Push Buttons.

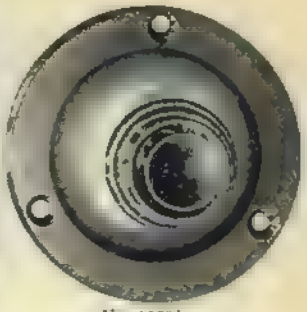
Diagonal Pattern.
Fig. 3827

Nos. 01188 and 201188.

Diagonal Pattern.
Fig. 3828

Nos. 01188½ and 201188½

Plain.
Fig. 3829.



No. 1188¼

No. 01188,	2½ inches,	Bronze Metal,	per dozen,	$3 50
1188¼,	2¼ "	" "	"	6 00

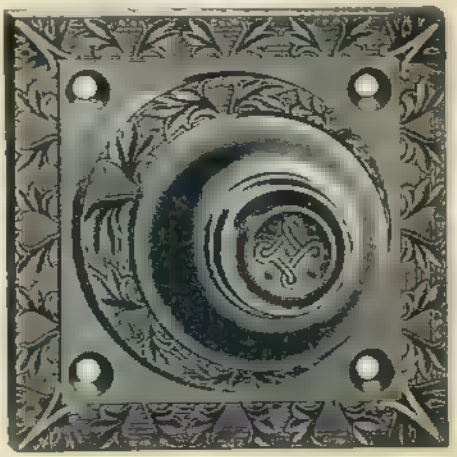
No. 01188½,	2½ inches,	Bronze Metal,	per doz.	$3 75
201188,	2½ "	Iron, No. 14 Finish,	"	2 00
201188½,	2½ "	" 14 "	"	2 25

One-half Dozen in a Box.

Romanesque Pattern.
Fig. 3830.

No. 9388½.

Jacobean Pattern.
Fig. 3831.



Cuts ½ Size.

No. 9488½

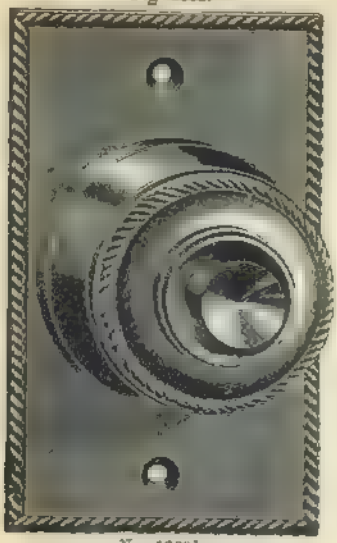
No. 9388½,	Romanesque Pattern,	Bronze Metal,	each,	$2 00
9488½,	Jacobean "	" "	"	2 00

One in a Box.

Electric Push Buttons.

BRONZE METAL.

Rope Pattern.
Fig. 3832.



No. 1288½.

Fluted Pattern.
Fig. 3833.

No 1189½

Plain.
Fig. 3834

No. 1289.

Cuts ¾ Size.

No. 1189½,	Fluted Pattern,	Bronze Metal,		each,	$2 00
1288½,	Rope "	"	"	"	2 00
1289,	Plain "	"	"	"	1 25

One in a Box.

Electric Push Buttons.

BRONZE METAL.

Fluted Pattern.

Fig. [illegible]

No. 1189½

Colonial Pattern.

Fig. 3846

No. 1285

Cuts ⅝ Size.

No. 1189½, Fluted Pattern, Bronze Metal,	each,	$2 00
1285. Colonial " " "	"	2 00

One in a Box.

Circuit Closer.

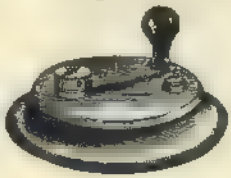
Fig. 3852.

No. 10, Circuit Closing Attachment, - - - - - - - each, $0 50

By the use of this Attachment an ordinary Mechanical Bell Pull may be used for an Electric Bell.

Electric Switches.

Fig. 3853.



With One Connecting Point, - - - - - - each, $0 50
" Two " " - - - - - - - - - " 55
" Three " " - - - - - - - - - " 60

All of above Switches have Nickel-plated Points and Levers, with Hard Rubber Knobs.

Electric Batteries.

LECLANCHE DISQUE.

Fig. 3854.

Leclanche Battery

Complete,	per cell,	$0 75
Extra Porus Cups,	each	50
" Glass Jars,	"	15
" Zincs,	"	10
Sal Ammoniac,	per package,	10

DRY.

Fig. 3855.

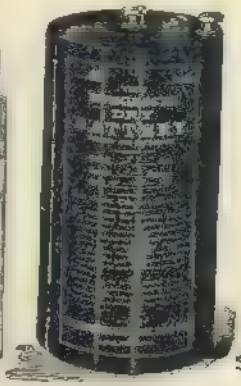
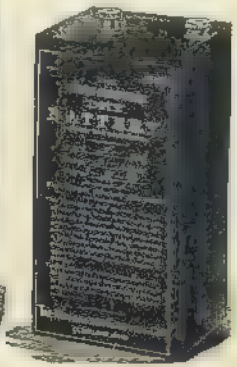


Fig. 3856



Nungesser's Dry Battery

No. 1, Round,	per cell,	$1 50
2, Square,	"	2 00

Ready for use.

SAMSON.

Fig. 3857

Samson Battery

Complete,	per cell,	$1 00
Extra Carbon Cups,	each,	75
" Glass Jars,	"	15
" Zincs,	"	10
Sal Ammoniac,	per package,	10

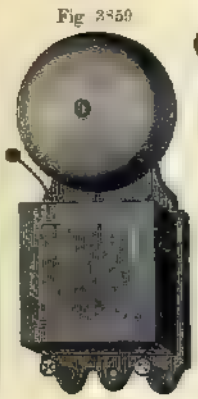
Electric Bells.

VIBRATING.

Wood Box
Fig 3858

No. 1

Iron Box
Fig 3859

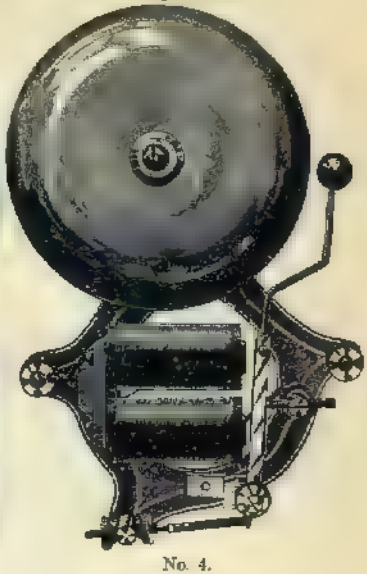


No 2

Medium Skeleton.
Fig 3860

No 3.

Large Skeleton
Fig 3861



No. 4.

	Diameter of Gong,	Inches,	2½	3	3½	4	5	6	7
No. 1,	Wood Box,	Each,	$1 15	1 25	1 35	1 55	....	....	....
2,	Iron "	"	1 10	1 20	1 30	1 50	....	....	....
3,	Skeleton Frame,	"	90	1 00	1 10	1 20	....	....	....
4,	" "	"	....	....	....	4 50	5 50	8 00	9 00

All above Bells have Nickel-plated Gongs.

Electric Bells in Sets.

Add to price of Bell, Push Button and Battery, for Wire, - - - - - $0 15

This includes 100 feet of Wire and Staples to fasten it; sufficient for an ordinary circuit.

Buzzers.

The Boss.
Fig 3862

Each, - - - $1 20

These Buzzers are designed for offices, stores, etc., and are used to call clerks or other employes, without attracting general attention.

Box.
Fig 3863

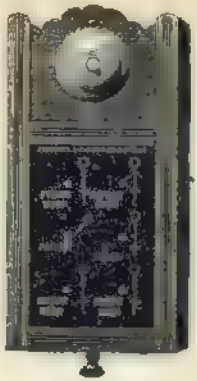
Each, - - - $1 00

Electric Annunciators.

Fig. 3864

No. 1.

Fig. 3865



No. 2.

Fig. 3866

No. 3

These Instruments are finely finished in any desired Wood, and have Nickel-plated Vibrating Bells. They are so made that the Case may be removed from the back so that easy access may be had to the interior without disturbing any of the connections.

Number of Indications.		2	4	6	8	10	12	14	16	18
No. 1,	Each.	$3 25	4 75	6 25	7 75	..	..	..	....	..
2,	"	....	6 75	8 50	9 60	11 20	12 00	14 50	16 00	17 00
3,	"	....	8 00	10 00	11 50	13 00	....	....		

No. 3, is self-setting, the Needle always remaining at the last call

In ordering, state lettering desired on Face of Annunciator

Electric Burglar Alarm Instruments.

Fig. 3867.

No 1

These Instruments are similar to the Annunciators, with the addition of Switches, by which any or all Sections may be cut out of circuit. They are provided with Silent and Bell Tests, and continuous ringing Attachment.

Fig. 3868.

No. 2.

Number of Indications,		4	6	8	10	12	15	18
No. 1,	Each,	$14 50	17 50	21 00	25 00	27 00	30 50	34 00
2,	"	21 50	23 00	28 00	30 00	33 00	37 00	40 00

In ordering, state lettering desired on Face of Instrument

Door Bells.

NEW DEPARTURE

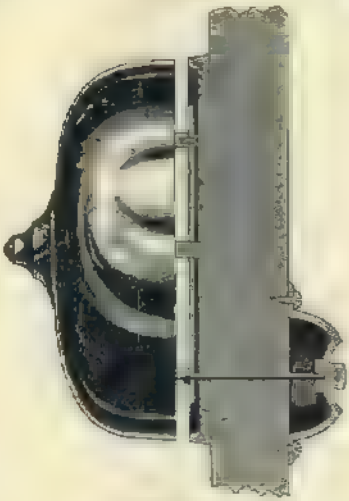
Fig. 3869.

No. O, Push Button.

Fig. 3871.

No. A, Push Button.

Fig. 3870

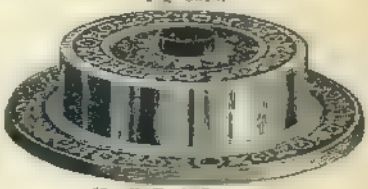


Sectional View

Fig. 3872

No. B, Push Button.

Fig. 3873.



No. C, Push Button

Cuts of Push Buttons, ⅞ Size

No. 130,	4-inch	Nickel-plated	Bell,	with	No.	O	Bronze Metal	Push	Button,			per dozen.	$32 00
230,	4	"	"	"	"	A	"	"				"	32 00
230½,	4	"	"	"	"	A	Nickel-plated	"				"	32 00
430,	3½	"	"	"	"	C	Bronze Metal	"				"	24 00
430,	4	"	"	"	"	C	"	"				"	32 00
340,	5	"	"	"	"	B	"	"				"	42 00
440,	5	"	"	"	"	C	"	"				"	42 00

One in a Box

The New Departure Bells are wound by turning the Gong. One winding will give about 150 rings, of ordinary duration, on 3½-inch Bell, about 400 rings on 4-inch Bell, and about 600 Rings on 5-inch Bell.

Door Bells.

NEW DEPARTURE, LONG DISTANCE.

Fig. 3874

No. O, Push Button.

Fig. 3875.

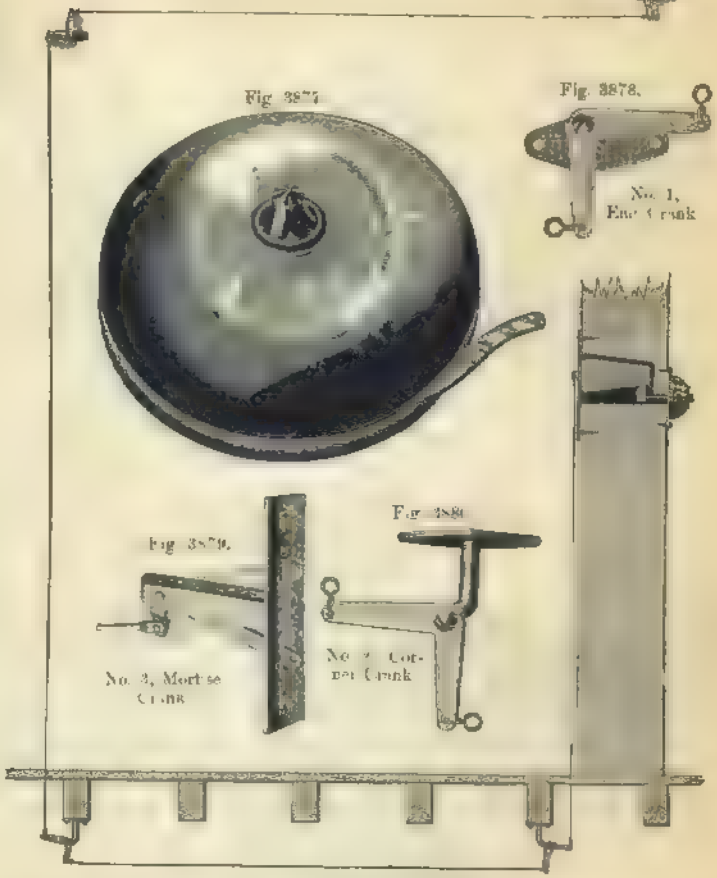


Fig. 3876

No. A, Push Button.

Cuts of Push Buttons and Side and Corner Cranks, ⅜ Size.

With each Long-Distance New-Departure Door Bell is included two each Nos. 1 and 2 Cranks, one Mortise Crank and one Push Button.

No. 100, 4 inch Nickel-plated Bell, with No. O Bronze Metal Push Button, and Cranks,	per dozen,	$40 00
200, 4 " " " " A " " "	"	40 00

One in a Box

The New-Departure Bells are wound by turning the Gong. One winding will give about 400 rings of ordinary duration, on 4 inch Bell.

Door Bells.

THE ROTARY

Fig. 3881.

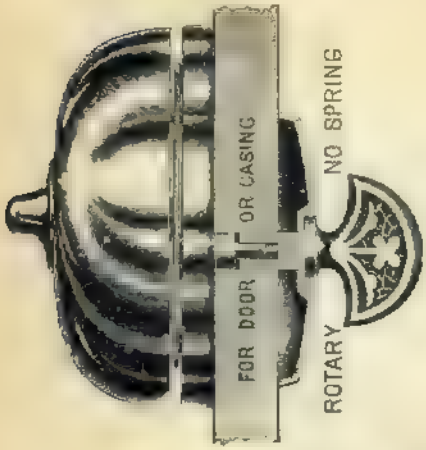
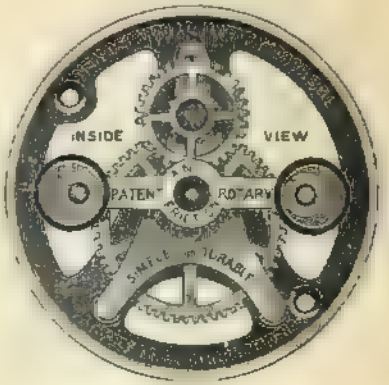


Fig. 3882



Interior view

No Spring. Fine Tone. Superior Finish.

A quarter turn of the Knob, in either direction, will produce about ten clear and distinct tones upon the Gong

No. 101, 4-inch Nickel-plated Gong, with Bronze Metal Turn Knob and Plate. - - per dozen, $24 00

One in a Box

FOR LEVER OR PULL

Fig. 3883

The following prices are for Bells only, without Levers or Pulls.

Ornamental Brass Gong.

Polished Surface

No. 86½, 5 inches, - per dozen, $19 50
90½, 3½ " " 13 50

Ornamental Bronze Metal Gong

No. 3 Finish

No. 86½, 5 inches, - - per dozen, $23 50
96½, 3½ " - " 16 75

Ornamental Bronze Iron Gong.

Amber Finish

No. 23 86½, 5 inches, - per dozen, $11 25
23 96½, 3½ " - " 9 00

Ornamental Bronzed Iron Gong

No. 14 Finish.

No. 23 86½, 5 inches, - - per dozen, $13 25
23 96½, 3½ " - " 11 00

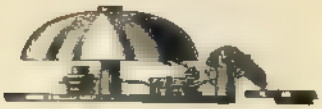
One in a Box

For Bell Levers and Bell Pulls, see pages 926 and 927

Alarm Door Bells.

NICHOLS' PATENT

Fig. 3884



4 inches, Bronzed Steel, - per dozen, $ 6 00 | 4 inches, Silver White, - - per dozen, $12 00
4 " Polished Bell Metal, - " 11 00 |

One in a Box.

Gong House Bells.

NICHOLS' PATENT

Fig. 3885

Bronzed Steel.				Polished Bell Metal.				Silver White.			
Inches,	3	4	5	Inches,	3	4	5	Inches,	3	4	5
Per Dozen,	$4 00	5 00	7 00	Per Dozen,	$8 00	10 00	14 00	Per Dozen,	$9 00	11 00	15 00

One in a Box

Trip Gong Bells.

Fig. 3886

Polished Bell Metal.

Inches, -	3	4	5	6	7	8	9	10	12
Per Dozen, -	$10 00	12 50	16 50	24 00	34 00	46 00	70 00	84 00	130 00

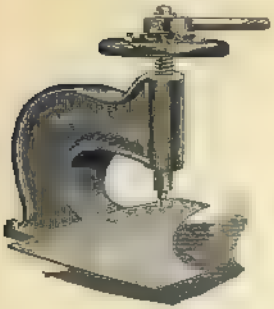
Inches, -	-	-	-	-	-	-	-	14	16	18
Per Dozen,	-	-	-	-	-	-	-	$212 00	260 00	310 00

These Trip Gong Bells are made Right and Left Hand. Right Hand will be sent unless the Left Hand are specially ordered.

Hand Shears and Punches.

NOYES' PUNCH.

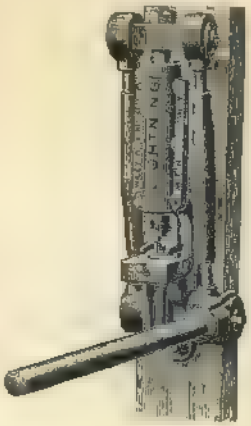
Fig. 1644



No. 1

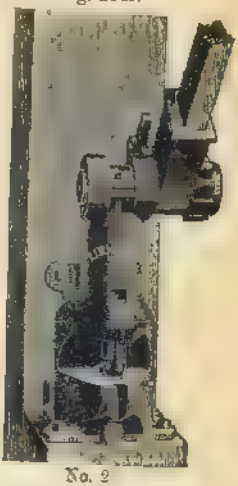
LIGHTNING PUNCHES.

Fig. 1645.



No. 1.

Fig. 1646.



No. 2

No. 1, Noyes' Punch, will punch $\frac{5}{16}$ inch hole in No. 10 iron, $4\frac{1}{2}$ inches from edge to center of hole, with $\frac{3}{16}$ and $\frac{1}{4}$ inch Dies and Punches, - - - each, $20 00

" Noyes' Punch, will punch $\frac{3}{8}$ inch hole in $\frac{1}{2}$ inch iron, 15 inches from edge to center of hole, with $\frac{3}{16}$, $\frac{1}{4}$ and $\frac{5}{16}$ inch Dies and Punches, - - " 28 00

1, Lightning, will punch $\frac{1}{2}$ inch hole in iron $\frac{1}{4}$ inch thick or $\frac{5}{16}$ inch hole in iron $\frac{3}{16}$ inch thick, $1\frac{1}{2}$ inches from edge to center of hole, with $\frac{1}{8}$, $\frac{3}{16}$ and $\frac{1}{4}$ inch Dies and Punches, " 25 00

2, Lightning, will punch $1\frac{1}{2}$ inch hole in $\frac{3}{16}$ inch iron, $\frac{3}{8}$ inches from edge to center of hole, with $\frac{1}{4}$, $\frac{5}{16}$ and $\frac{3}{8}$ inch Dies and Punches, Ratchet Handle, - - " 45 00

TAFT'S.

Shear.

Fig. 1647.

With Blades.

No. 1,	Cuts Iron	$\frac{1}{8}$	inch thick,		each,	$23 50
2,	"	$\frac{3}{16}$	"		"	42 00
3,	"	$\frac{1}{4}$	"		"	67 50
4,	"	$\frac{5}{16}$	"		"	95 00
5,	"	$\frac{3}{8}$	"		"	130 00

Punch.

Fig. 1648

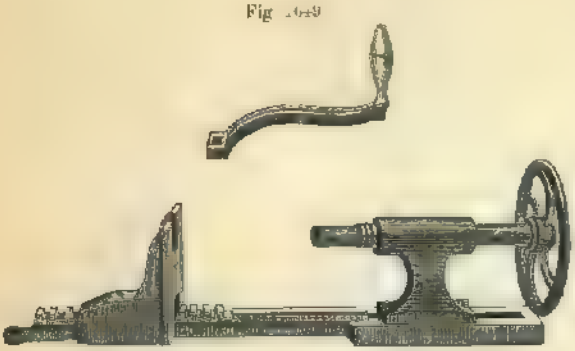
Without Dies or Punches.

No. 61,	Punches	$\frac{1}{8}$	in. hole in	$\frac{1}{8}$	in. iron,	each, $22 50
62,	"	$\frac{3}{16}$	"	$\frac{3}{16}$	"	" 42 00
63,	"	$\frac{1}{4}$	"	$\frac{1}{4}$	"	" 67 50
64,	"	$\frac{5}{16}$	"	$\frac{5}{16}$	"	" 95 00
65,	"	$\frac{3}{8}$	"	$\frac{3}{8}$	"	" 130 00

Drills.

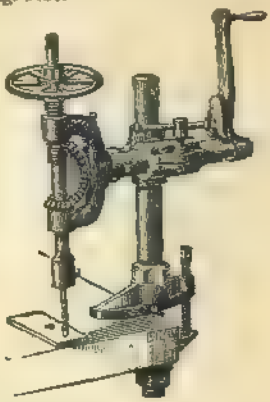
BLACKSMITHS'.

Fig. 1649



IMPROVED UNIVERSAL ANGULAR AND RATCHET.

Fig. 1650.

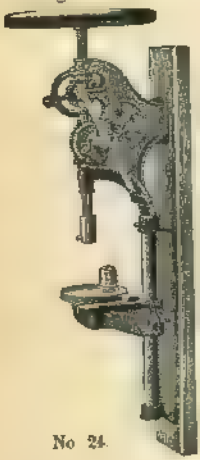


No. 1, Blacksmiths', Japanned, - each, $4 00
One half Dozen in a Case.

No. 1, Weight 26 pounds, Drills up to ⅝ in. hole, each, $20 00
2, " 59 " " 1 " " 25 00

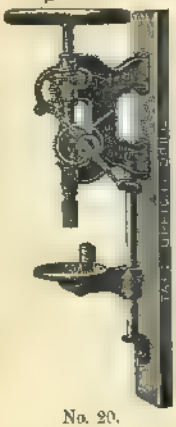
TAFT'S SELF FEEDING, UPRIGHT

Fig. 1651.



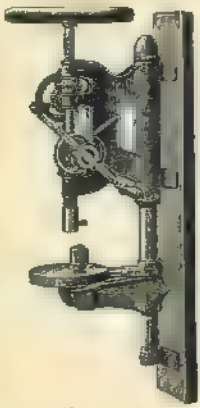
No 24.

Fig. 1652.



No. 20.

Fig. 1653.



No. 26.

Fig. 1654.

No. 28.

No. 20,	Hand,	Swing Table,	Drills to	1 inch	and to center of	14- inch Circle,	Feeds	3¾ inches,		-	each,	$58 00
24,	"	"	"	1¼	" "	18½	"	"	4½ "	-	"	36 00
26,	"	"	"	1¼	" "	16½	"	"	3½ "	-	"	38 00
28,	"	"	"	1¼	" "	13½	"	"	4½ "	-	"	38 00
2,	Universal Chuck for any of above Drills,									-	"	4 00

Taft's Drill Presses are all fitted for Drills with ½ inch Shanks.

Drills.

SILVER'S UPRIGHT.

Fig. 1655

No. 1

Fig. 1656.

No. 1½.

Fig. 1657.

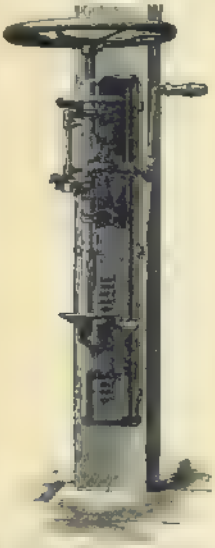
Nos. 2, 3, 4

No. 1.	Hand, Swing Table. Drills to ¾ inch and to center of 12 inch Circle, Self-Feed,									each,	$ 8 00
1½,	"	"	"	¾	"	"	"	12	"	Hand Feed,	" 6 00
2,	"	"	"	1	"	"	"	14½	"	Self Feed,	" 10 00
3	Hand or Power. Swing Table, Drills 1¼ inch to center of 16-inch Circle, Self Feed,									"	14 00
4,	"	"	"	"	1½	"	"	22	"	"	each, $2[illegible] 00
Countershaft, with Cone Pulleys for Nos. 3 or 4,											" 10 00

Silver's Drill Presses are all fitted for Drills with ½ inch Shanks.

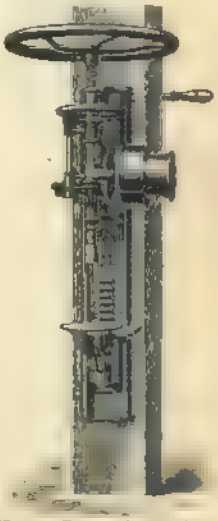
GREEN RIVER, SELF FEED.

Fig. 1658



No. 22. Hand, Straight Table.

Fig. 1659



No. 22, Power, Swing Table.

No. 22. Hand, with Straight Table, will drill as large as 1 inch, Drills should have ½ inch Shanks.

Diameter of Balance Wheel 19 inches, drills to center of 15-in. Circle, Weight 110 lbs.,	each,	$20 00
22, Hand, with Swing Table,	"	22 00
Extra for fitting with Pulley for Belt,	"	5 00
Countershaft for No. 22,	"	12 00

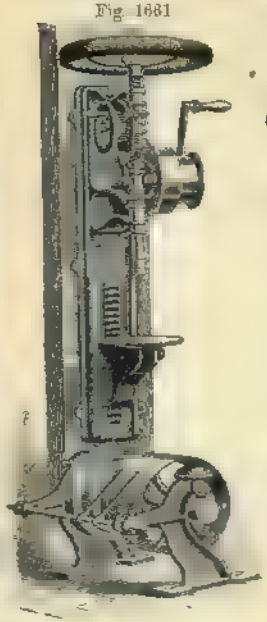
Drills.

GREEN RIVER, SELF-FEEDING, UPRIGHT

Fig. 1660

No. 2, Hand.
Straight Table.

Fig. 1661



No. 3, Hand or Power.
Straight Table.

Fig. 1662

No. 3, Hand.
Swing Table.

Fig. 1663

No. 4, Hand.
Straight Table.

No. 2, Hand, with Straight Table, will drill as large as 1 inch; Drills should have ½ inch Shanks, Diameter of Balance Wheel 19 inches, will drill to center of 15-inch circle, Weight 150 lbs.,	each,	$28 00
2, Hand, with Swing Table,	"	30 00
Extra for fitting No. 2 with Pulley for Belt,	"	5 00
Countershaft for No. 2,	"	12 00
3, Hand, with Straight Table, will drill as large as 1 inch; Drills should have $\frac{11}{16}$ inch Shanks, Diameter of Balance Wheel 22 inches, will drill to center of 20-inch circle, Weight 200 pounds,	"	43 00
3, Hand, with Swing Table,	"	45 25
Extra for fitting No. 3 with Pulley for Belt,	"	5 00
Countershaft for No. 3,	"	12 00
4, Hand, Straight Table, will drill as large as 1½ inches. Drills should have $\frac{11}{16}$ inch Shanks, Diameter of Balance Wheel 29 inches, will drill to center of 20-inch circle, Weight 350 lbs.,	"	70 00
4, Hand, with Swing Table,	"	72 25
Extra for fitting No. 4 with Pulley for Belt,	"	7 50
Countershaft for No. 4,	"	12 00

No. 4 is speeded for small work when Crank is applied, as shown in Fig. 1663; for heavy work the Crank is placed in the Wheel at the side of the Machine, which multiplies the power nearly three times.

All other Hand Drills have but one speed.

All Pulleys for Drills have two Steps.

Horseshoers' Machine and Tire Benders.

HORSESHOERS' MACHINE.

Fig 1665.

Green River Tire-Measuring Wheel.

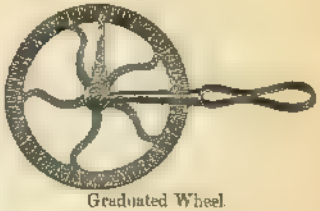
Fig. 1664.

Plain Wheel.

Each, - - $1 25

Green River Tire-Measuring Wheel.

Fig. 1666.



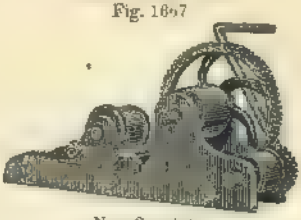
Graduated Wheel.

Each - - $1 50

Green River Horseshoers' Machine, including Vise and Dies, for Welding and Swaging Toe and Heel Calks, each, $18 00

TIRE BENDERS

Fig. 1667

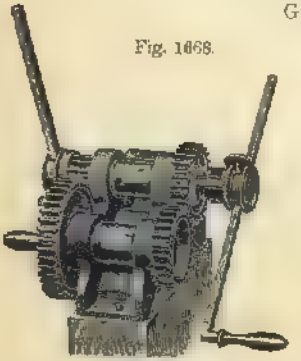


Nos. 2 and 3

No. 2, Three Rollers, with Gear Wheel and Pinion, bends all sizes to $\frac{5}{8}$x3 inches, each, $ 7 00
3½, " " " " 2 Pinions, bends all sizes to $\frac{3}{8}$x3 inches, - - " 8 50
3, " " 2 Gear Wheels and 2 Pinions, bends all sizes to $\frac{5}{8}$x6 inches, - " 10 50

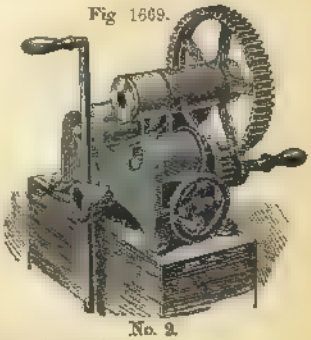
GREEN RIVER TIRE BENDERS.

Fig. 1668.



No. 1.

Fig 1669.



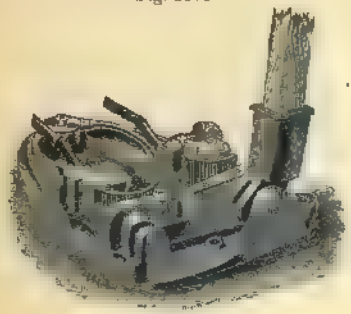
No. 2.

No. 1, Green River Tire Bender, with two Cranks and adjustable Gears by which speed may be changed, bends all sizes to $\frac{5}{8}$x3 inches, - - - each, $18 00
2, Green River Tire Bender, with two Cranks, and strongly Geared, bends all sizes to $\frac{5}{8}$x3 inches, " 25 00

Tire Shrinkers.

GREEN RIVER.

Fig. 1670.



No. 1, Horizontal.

Fig. 1671.

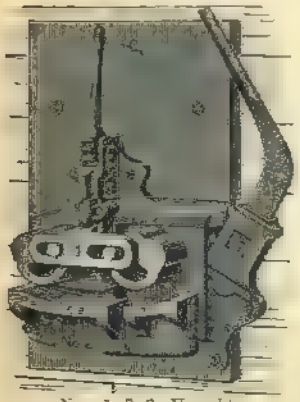
Nos. 0 and 2, Upright.

No. 0,	Upright,	One man can upset all sizes to	⅞x2 inches,	each,	$15	00
1,	Horizontal,	" " "	½x3 "	"	20	00
2,	Upright,	" " "	1x4 "	"	22	50

The No. 2 is made with bent Handle, so that it can be placed near the Floor.

STODDARD'S LIGHTNING.

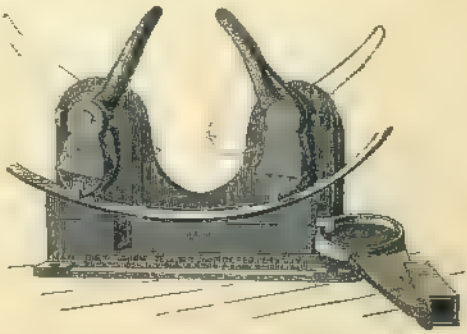
Fig. 1672.



Nos. 1, 2, 3, Upright.

BRETTELL'S IMPROVED.

Fig. 1673.



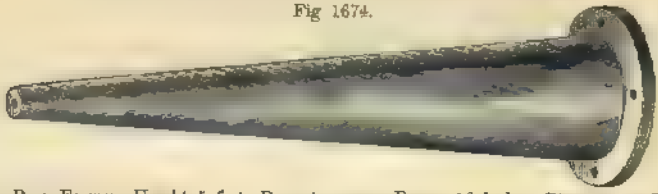
No. 10, Upright.

No. 1,	Stoddard's,	One man can upset all sizes to	⅞x2 inches,	each,	$14	00
2,	"	" " "	1x4 "	"	22	50
3,	"	" " "	1x4 " and Axles,	"	26	00
10,	Brettell's,	" " "	⅞x2 "	"	15	00

Mandrels and Tuyere Irons.

CONE MANDREL OR RING FORMER.

Fig 1674.



Cone Mandrel or Ring Former, Height 5 feet, Diameter above Flange 12 inches, Diameter on Top 3 inches, Weight about 330 pounds, - - - - - each, $12 00

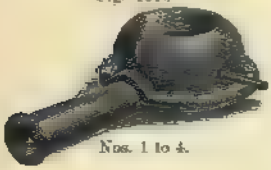
SWAGE BLOCK.

Fig 1675

Swage Blocks, Small Size, 10½ inches Square, Weight 80 pounds, - each, $ 3 50
" Large " 21 " " " 300 " - - - " 12 00

TUYERE IRONS.

Clark's
Fig 1676

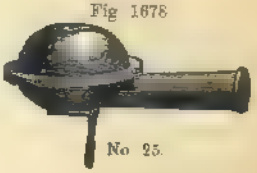


Nos. 1 to 4.

Duck's Nest
Fig 1677

Nos 5 and 20.

Monitor.
Fig 1678



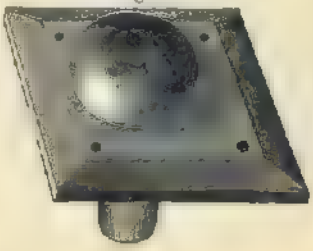
No 25.

	Nos.	1	2	3	4	5	20	25
Weight, each, -	Pounds,	16	21	26	40	11	16	17
	Each,	$2 00	2 63	3 13	5 00	1 50	2 00	2 50

Ball.
Fig. 1679

No. 30

Nigger Head.
Fig. 1680.



No. 35.

Water.
Fig 1681

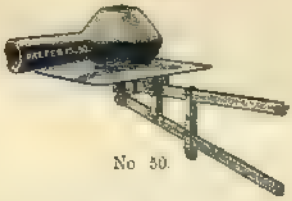
Nos. 40 and 45.

No. 30, Ball Tuyere, Weight, each, 24 pounds, - - - - - each, $3 00
" 35, Nigger Head Tuyere, Weight, each, 70 pounds, Plate 14 inches square, - - " 3 00
Extra Heads for No. 35, Weight, each, 30 pounds, - - - - - " 1 75
" Plates " 35, " 40 " - - - - - " 1 50
No 40, Water Tuyer, Weight, each, 55 pounds, Length 16 inches, 1 inch Nozzle, - - " 4 50
" 45, " " " 85 " " 22 " 1½ " - - " 6 00

Tuyere Irons and Bellows.

VOLCANO TUYERE IRON.

Fig 1682



No 50.

No. 50, Volcano Tuyere, Double Valve, Bottom Blast, Weight, each 18 pounds, - - each, $5 00

BELLOWS.

Hand.
Fig. 1683.

Painters'.
Fig. 1684

Moulders'.
Fig. 1685.

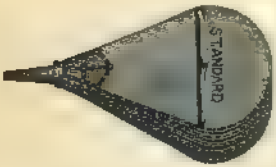
Hand Bellows,	Inches,	5	6	7	8	9	10
	Per Dozen,	$7 00	8 00	9 00	10 00	11 00	12 00

Painters', 10-inch, - - - - - - - - per dozen, $36 00

Moulders',	Inches,	9	10	11	12	14	16
	Per Dozen,	$15 00	17 00	20 00	24 00	28 00	33 00

BLACKSMITHS', HAND-MADE.

Standard.
Fig. 1686.



Extra Long.
Fig. 1687.

Blacksmiths' Standard,	Inches,	24	26	28	30	32	34	36	38	40	42	44
	Each,	$10 00	11 00	12 00	13 00	14 00	15 00	18 00	20 00	23 00	27 00	32 00

Blacksmiths' Extra Long,	Inches,	24	26	28	30	32	34	36
	Each,	$12 00	13 00	14 00	15 00	17 00	19 00	21 00
Blacksmiths' Extra Long,	Inches,	38	40	42	44	46	48	50
	Each,	$24 00	28 00	34 00	40 00	45 00	50 00	60 00

BELLOWS PIPES.

Hammered Wrought Iron and Welded, all sizes, - - - - per pound, $0 15

BELLOWS NAILS.

Wrought Iron, Large Flat Head, Hand made, - - - - - per pound, $0 30

Portable Forges.

HOLT'S PATENT.

Fig. 1688.

No. 00, without Hood.

Fig. 1689.

No. 0, without Hood.

Fig. 1690.

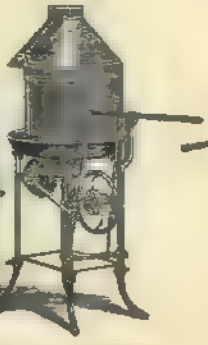
No. 0, with Hood.

	Nos.	00	0	0, Riveting.
Size of Fire-pan,		15 in. diam.	16x20 inch.	16x20 inch.
Diameter of Fan,	Inches,	6	8	8
Height to top of Fire-pan	"	25	30	30
Weight, each,	Pounds,	45	65	75
Without Hood,	Each,	$16 00	27 00	30 00
With Hood,	"	19 00	30 00	Has Riveting Ring 12 in. diam. [illegible] in. deep to Grate
With Closed Hood,	"	22 00	33 00	

Fig. 1691.

No. 1, without Hood.

Fig. 1692.



No. 1, with Hood.

Fig. 1693.

No. 2, with Hood.

Fig. 1694.

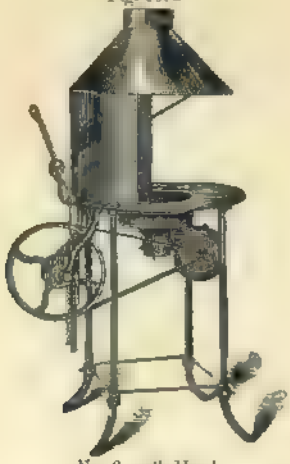
No. 4, with Hood.

	Nos.	1	2	4
Size of Fire-pan,		21 inch diam.	21x27 inch.	30x40 inch.
Diameter of Fan,	Inches,	8	10	12
Height to top of Fire-pan,	"	30	30	28
Weight, each,	Pounds,	90	110	175
Without Hood,	Each,	$33 00	40 00	50 00
With Hood,	"	36 00	43 00	54 00
With Closed Hood,	"	39 00	46 00	

Portable Forges.

BUCKEYE.

Fig. 1695

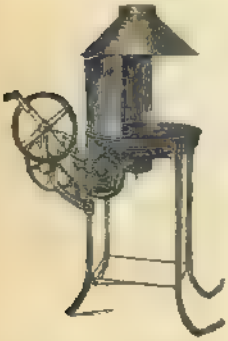


No. 2, with Hood.

	Number,	1	2	3	4	5	10 Riveting.
Size of Fire-pan,		16x21 in.	24 in. diam.	21x27 in.	30x30 in.	30x40 in.	16x21 in.
Diameter of Fan,	Inches,	8	8	10	10	11	8
Height to top of Fire-pan,	Inches,	30	32	30	30	30	30
Weight, each,	Pounds,	60	85	120	120	45	60
Without Hood,	Each,	$16 00	20 00	28 00	38 00	40 00	16 00
With Hood,	"	18 00	22 00	30 00	40 00	42 00	Has Riveting Ring 15 in., Diam. 4 in. deep to Grate.
With closed Hood,	"	21 00	24 00	34 00	. .	. . . .	

WATSON'S PATENT

Fig. 1696.



No. 1, with Hood.

Fig. 1697

No. 2, without Hood

Fig. 1698.

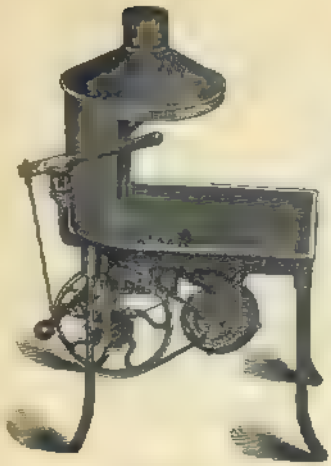
No. 2, with Hood.

	Number	1	2	4
Size of Fire-pan,		20 in. diam.	24 in. diam.	30x40 in.
Diameter of Fan,	Inches,	7½	8¼	11½
Height to Top of Fire-pan,	"	30	30	28
Weight, each,	Pounds,	83	105	165
Without Hood,	Each,	23 00	28 00	40 00
With Hood,	"	25 00	30 00	45 00

Portable Forges.

CHAMPION.

Fig. 1699.

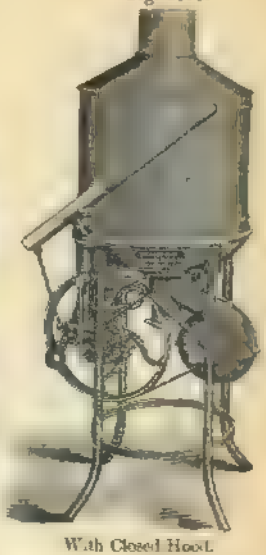


With Hood.

Fig. 1700.

Without Hood.

Fig. 1701.



With Closed Hood.

	Numbers,	2	3	5	6	7	100	101	102
Size of Fire Pan,		28x35 in.	23x35 in.	Diam. 29 in.	Diam. 29 in.	Diam. 29 in.	Diam. 29 in.	Diam. 22 in.	Diam. 22 in.
Diameter of Fan,	Inches,	12	12	10	10	10	9	9	9
Height to top of Fire Pan,	"	30	30	33	33	33	30	30	30
Weight each,	Pounds,	120	130	80	85	90	80	85	90
Without Hood,	Each,	$36 00		24 00			24 00		
With Hood	"		40 00		27 00			27 00	
With Closed Hood,	"	.....	.....	.....	.....	30 00	.....	.....	30 00

Stationary Blast Forges.

Without Blowers.

Fig. 1702.

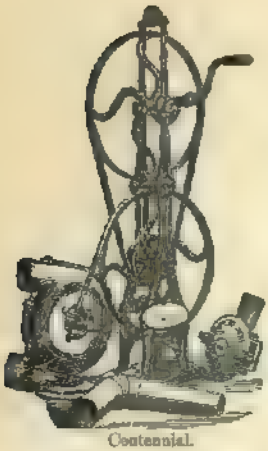
No. 12.

No. 11, Wrought Iron Legs, Fire Pan, including Coal Box, 33x45 inches, with Water Tank, . each, $20 00
12, Cast Iron Legs, Fire Pan, including Coal Box, 39x52 inches, with Water Tank, . 35 00

Hand Blowers.

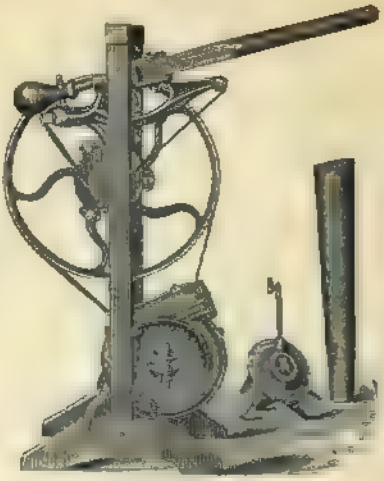
CHAMPION

Fig. 1703.



Centennial.

Fig. 1704.



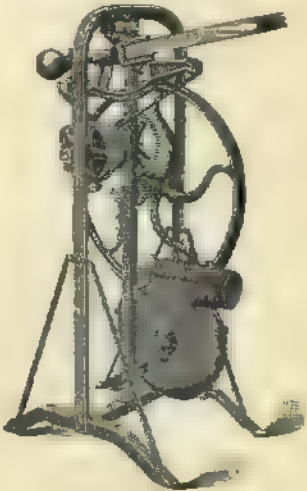
No. 4, Champion.

Centennial Crank Blower, Fan 14 inches diameter, Complete with Ball Tuyere and Tin Pipe, - each, $15 00
No. 4, Champion Lever Blower, Fan 16 inches diameter, Complete with Ball Tuyere and Tin Pipe, " 20 00

Fig. 1705

No. 1890, Wood Frame.

Fig. 1706.



No. 1890, Steel Frame.

No. 1890, Wood Frame Champion Lever Blower, Fan 16 inches in diameter, Complete with Ball Tuyere and Tin Pipe, - - - - - - - each, $25 00
1890, Steel Frame Champion Lever Blower, Fan 16 inches in diameter, Complete with Ball Tuyere and Tin Pipe, - - - - - - " 29 00

GUN MATERIAL.

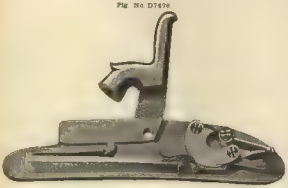
Gun Locks.

Fig No D7475

PER DOZEN

No. 2—American, Front Action, Swivel, Cut for Plug, Polished, **Right Hand Only,** . $13.50

Fig No. D7476



PER DOZEN

No. 20—Genuine Golcher, Front Action, Swivel, Extra Polished, **Engraved,** Case Hardened Plate and Hammer, **Right Hand only,** . $18 00

No. 4—American, Front Action, Swivel, Polished, **Right Hand,** 12.00

No. 5—Same as No. 4, except Left Hand, . 12 00

Fig No. D7477

PER DOZEN

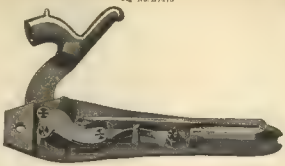
No. 50—Genuine Golcher, Full Bar Action, Swivel, Extra Polished, **Engraved,** Case Hardened Plate and Hammer, **Right Hand,** $21 00

No. 51—Same as No. 50, except Left Hand, 21 00

No. 10—American, Full Bar Action, Swivel, Polished, **Right Hand,** 12.00

No. 11—Same as No. 10, except Left Hand, 12.00

Fig No. D7478



PER DOZEN

No. 60—Genuine Golcher, Back Action, Swivel, Extra Polished, **Engraved,** Case Hardened Plate and Hammer, **Right Hand,** . $18.00

No. 61—Same as No. 60, except Left Hand, 18.00

No. 8—American, Back Action, Swivel, Polished, **Right Hand,** 12 00

No. 9—Same as No. 8, except Left Hand, 12.00

Fig. No. D7479

PER DOZEN

No. 12—Bar Action, Swivel, for B. L. Guns, Fine Filed Plates, Low Axle, without Hammer, **Right Hand,** $18.00

No. 13—Same as No. 12, except Left Hand, 18.00

No. 14 Bar Action, Rebounding, for B. L. Guns, Fine Filed Plates, Low Axle, without Hammer, **Right Hand,** . . 33 00

No. 15—Same as No. 14, except Left Hand, 33 00

Fig No D7480

PER DOZEN.

No. 16—Back Action, Rebounding, for B. L. Guns, Rough Filed Plates, with Hammer, **Right Hand,** $12.00

No. 17—Same as No. 16, except Left Hand, 12 00

Cuts Show Right Hand Locks.

One-half Dozen in a Box.

When Duplicate Parts for English and Belgian Shot Guns and Rifles are wanted, refer to Page 1443 for Instructions How to Order.

GUN MATERIAL.

Gun Nipples.

Fig. No. D7466.

PER GROSS

No. 112—Blued Steel, Square Shoulder, . . $4.00

No. 113 Straw Colored Steel, Countersunk, Square Shoulder, ... 5.50

Fig. No. D7468.

Taper.

PER GROSS.

No. 114 Straw Colored Steel, Countersunk, 2 Sides, $6.00

Fig. No. D7467

PER GROSS.

No. 120—Straw Colored Steel, Countersunk and Taper, **2 Sides,** Extra Quality, ... $9.00

No. 3827—Straw Colored Steel, Countersunk, **2 Sides, Extra Large,** 9/32 to 11/32 in., . . . 9.00

Fig. No. D7469.

Reversed.

PER GROSS.

No. 244½ Straw Colored Steel, Reversed, **2 Sides,** Taper, ... $11.50

No. 6212 Straw Colored Steel, Reversed, **2 Sides, Extra Quality,** 12.00

Fig. No. D7469.

Double Reversed.

PER GROSS.

No. 150—Straw Colored Steel, **2 Sides,** Double Reversed, Taper, . . . $15.00

Fig. No. D7470

PER GROSS.

No. 115 German, Straw Color. Extra Fine Quality Steel, Copper Washer Taper, . $12.00

Fig. No. D7471.

Musket.

PER GROSS.

No. 1—Musket, . . $9.00

No. 2 Musket, **Small Top,** to Use Regular Caps. . 9.00

One-quarter Gross in a Box. Assorted Threads.

Cuts Full Size

PLUGS AND NIPPLES.

Fig. No. D7473

PER DOZEN.

No. 300—Screwed, Steel Nipple, ... $1.15

RAMROD TIPS.

Fig. No. D7475.

PER DOZEN.

No. 301—Brass, **Open End,** Assorted 1/8 and 3/16 in , $0.50

Fig. No. D7474.

PER DOZEN.

No. 302—Brass, **Closed End,** Assorted 1/8 and 3/16 in., $0.75

When Duplicate Parts for English and Belgian Shot Guns and Rifles are wanted, refer to Page 1443 for Instructions How to Order.

GUN MATERIAL.

B. L. Gun Hammers.

Fig. No. D7490

Round Body, Engraved and Polished.

	PER DOZEN
No. 122 Right Hand,	$6 00
No. 123–Left " .	6.00

Fig. No. D7491

Lefaucheux, Round Body.

	PER DOZEN.
No. 124–Right Hand,	$4.80
No. 125 Left " .	4.80

Fig. No. D7492

No. 128–Flat Body.

	PER DOZEN.
No. 126–Stamped, Right Hand,	$1.30
No. 127–Stamped, Left Hand,	1.30
No. 128–Filed, Right " .	5.00
No. 129– " Left " .	5.00
No. 130–Engraved, Right " .	6.00
No. 131 " Left " .	6.00

Fig. No. D7493

Lefaucheux, Flat Body, Filed.

	PER DOZEN.
No. 132 Right Hand,	$6.00
No. 133–Left " .	6.00

Fig. No. D7494

No. 138.

	PER DOZEN.
No. 134–Stamped, Right Hand,	$1 40
No. 135–Stamped, Left Hand,	1.40
No. 136–Filed, Right Hand,	9.60
No. 137– " Left " .	9.60
No. 138 Engraved, Right Hand,	12.00
No. 139–Engraved, Left Hand,	12.00

Fig. No. D7495

Engraved.

	PER DOZEN
No. 140–Right Hand,	$11.25
No. 141–Left " .	11.25

Fig. No. D7496

Stamped.

	PER DOZEN.
No. 142 –Right Hand,	$0.75
No. 143–Left " .	.75

Fig. No. D7497

M. L. Gun Hammers.

Filed.

	PER DOZEN.
No. 144–Right Hand,	$2.00
No. 145–Left " .	2.00

Cuts Full Size.

When Duplicate Parts for English and Belgian Shot Guns and Rifles are wanted, refer to Page 1443 for Instructions How to Order.

GUN MATERIAL.

B. L. Gun Hammers.

Fig. No. D7481

Filed.

	PER DOZEN
No. 100—Right Hand,	$6.50
No. 101—Left "	6.50

Fig. No. D7482

No. 104—Round Body.

	PER DOZEN.
No. 102—Stamped, Right Hand,	$1.20
No. 103— " Left "	1.20
No. 104—Filed, Right Hand,	4.80
No. 105— " Left "	4.80
No. 106—Engraved, Right Hand,	6.00
No. 107— " Left "	6.00

Fig. No. D7483

Filed.

	PER DOZEN
No. 108—Right Hand,	$7.50
No. 100—Left "	7.50

Fig. No. D7484.

Filed.

	PER DOZEN.
No. 110 Right Hand,	$7.50
No. 111—Left "	7.50

Fig. No. D7485

New Model, Polished.

	PER DOZEN.
No. 112—Right Hand,	$10.00
No. 113—Left "	10.00

Fig. No. D7486

Old Model, Polished.

	PER DOZEN.
No. 114 Right Hand,	$10.00
No. 115—Left "	10.00

Fig. No. D7487.

Engraved and Polished.

	PER DOZEN.
No. 116 Right Hand,	$9.00
No. 117—Left "	9.00

Fig. No. D7488.

Filed.

	PER DOZEN.
No. 118 Right Hand,	$5.00
No. 119—Left "	5.00

Fig. No. D7489

Flat Body, Filed.

	PER DOZEN.
No. 120 Right Hand,	$4.00
No. 121—Left "	4.00

Cuts Full Size.

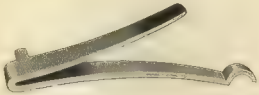
When Duplicate Parts for English and Belgian Shot Guns and Rifles are wanted, refer to Page 1443 for Instructions How to Order.

SIMMONS HARDWARE CO. COMPANY

GUN MATERIAL.

Main Springs.

Fig. No D7304.



Main and Sear Springs, Back Action Hook, **Black.**

	PER DOZEN.
No. 162—Right Hand,	$2.00
No. 163—Left "	2.00

Fig. No. D7603.

Main Springs, Back Action Swivel

	PER DOZEN
No. 164—Black, Right Hand,	$1.75
No. 165— " **Left** "	1.75
No. 166—Uncut, Bright, Right Hand,	3.20
No. 167— " " **Left** "	3.20

Fig. No. D7506

Main Springs, Back Action Hook, **Black.**

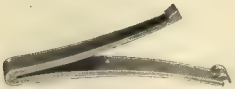
	PER DOZEN.
No. 168—Right Hand,	$1.75
No. 169—Left "	1.75

Fig. No D7507

Main Springs, Back Action Rebounding.

	PER DOZEN.
No. 170—Fine Quality, Right Hand,	$6.00
No. 171— " " **Left** "	6.00
No. 172—Medium Quality, Uncut, Right Hand,	3.50
No. 173— " " " **Left** "	3.50

Fig. No D7608.



Main Springs, Rebounding Bar Action Swivel, **Polished.**

	PER DOZEN.
No. 174—Right Hand,	$4.00
No. 175—Left "	4.00

Fig. No D7609

Main Springs, Bar Action Hook, **Polished.**

	PER DOZEN.
No. 176—Right Hand,	$2.00
No. 177—Left "	2.00

Main Springs for Single Action Revolvers.

Fig. No. D7810.

22 Caliber.

	PER DOZEN.
No. 178—For 22 Caliber,	$2.15

Fig. No D7811

32 Caliber.

	PER DOZEN.
No. 179—For 32 Caliber,	$3.00

Fig. No D7812

Cut shows No. 180.

Fig. No D7813

Cut shows Nos. 181 and 182.

Trigger Springs, for Single Action Revolvers.

	PER DOZEN.
No. 180—22 Caliber,	$1.10
No. 181—32 "	1.65
No. 182—38 "	1.80

When Duplicate Parts for English and Belgian Shot Guns and Rifles are wanted, refer to Page 1443 for Instructions How to Order.

GUN MATERIAL.

M. L. Gun Hammers.

Fig. No. D7498.

Engraved.

	PER DOZEN.
No. 146 Right Hand,	$4.00
No. 147—Left "	4 00

Fig. No. D7499

No. 150.

	PER DOZEN
No. 148 Filed, Right Hand,	$3 00
No. 149— " Left "	4 00
No. 150—Engraved, Right Hand,	4.00
No. 151— " Left "	4.00

Fig. No. D7500

Engraved.

	PER DOZEN.
No. 152 Right Hand,	$4 00
No. 153—Left "	4.00

Fig No. D7501

No. 156—Flat Body, Beveled.

	PER DOZEN.
No. 154 Filed, Right Hand,	$4.00
No. 155 " Left "	4.00
No. 156—Extra Polished and Engraved, Right Hand,	5.00
No. 157—Extra Polished and Engraved, Left Hand,	5.00

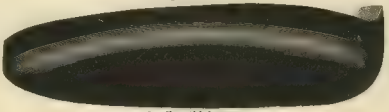
Fig No. D7502

Engraved.

	PER DOZEN.
No. 158 Right Hand,	$4.00
No. 159—Left "	4.00

Cuts Full Size.

Fig No. D7503



Cut Two-thirds Size.

Butt Plates.

	PER DOZEN.
No. 160—Horn, Unfinished,	$6.00
No. 161—Rubber, Finished and Checkered,	7.00

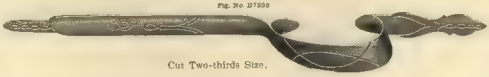
When Duplicate Parts for English and Belgian Shot Guns and Rifles are wanted, refer to Page 1443 for Instructions How to Order.

SIMMONS HARDWARE COMPANY

GUN MATERIAL.

Mountings.

Fig. No. D7533



Cut Two-thirds Size.

Double Shot Gun Guards.

	PER DOZEN.
No. 213—Finished, Engraved and Blued, for M/L Guns,	$6.85
No. 214— " " " to Screw Off, for B/L Guns,	6.00

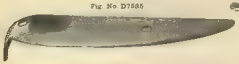
Fig. No. D7534

Wrought Double Breech-Loading Furniture.

	PER DOZEN.
No. 215—Spring Triggers,	$36.00

Fig. No. D7536

Fig. No. D7535



Cuts One-half Size

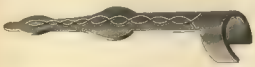
Double Shot Gun Heel Plates.

	PER DOZEN.
No. 216—Malleable,	$1.45

Double Shot Gun Guards.

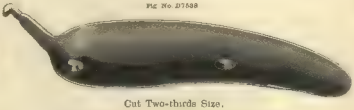
	PER DOZEN.
No. 217 Malleable,	$1.35

Fig. No. D7537



Cut Full Size.

Fig. No. D7538



Cut Two-thirds Size.

Double Shot Gun Tail Pipes.

	PER DOZEN.
No. 218—Finished, Engraved and Blued,	$1.50

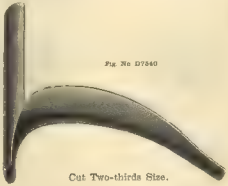
Double Shot Gun Heel Plates.

	PER DOZEN.
No. 219—Finished and Blued,	$5 25

Fig. No. D7539

Cut Two-thirds Size.

Fig. No. D7540



Cut Two-thirds Size.

Rifle Guards.

	PER DOZEN.
No. 220—Cast Brass,	$1.90

Rifle Heel or Butt Plates.

	PER DOZEN.
No. 221 Cast Brass,	$2.00

When Duplicate Parts for English or Belgian Shot Guns or Rifles are wanted, refer to Page 1443 for Instructions How to Order.

SIMMONS HARDWARE COMPANY

GUN MATERIAL.

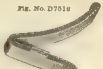
Fig. No. D7514.

No. 183.

Fig. No. D7516

No. 184.

Fig. No. D7518



No. 185.

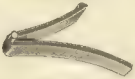
Fig. No. D7517

No. 186.

Fig. No. D7516.

No. 187.

Fig. No. D7519



No. 188.

Fig. No. D7520

No. 189.

Fig. No. D7521

Nos. 190 and 191.

Lever Springs.

	PER DOZEN.
No. 183—Top Action Springs,	$6.00
No. 184— " " "	6.00
No. 185— " " "	6.00
No. 186— " " "	6.00

	PER DOZEN.
No. 187 -Top Action Springs,	$6.00
No. 188— " " "	6.00
No. 189—Side Lever "	6.00
No. 190— " " " Forged,	1.50
No. 191 - " " " Finished and Blued,	3.50

Fig. No. D7522

Sears, Bar and Back Action, Steel, Filed.

	PER DOZEN.
No. 192—Right Hand,	$0.75
No. 193—Left "	.75

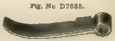
Fig. No. D7523

No. 194.

Fig. No. D7524.

No. 196.

Fig. No. D7525.



No. 198.

Sear Springs.

	PER DOZEN.
No. 194—Fine Quality, **Front Action, Right Hand,**	$2.50
No. 195— " " " " **Left** "	2.50
No. 196—Front Action, Right Hand,	1.00
No. 197 - " " **Left** "	1.00
No. 198 -**Back** " **Right** "	.75
No. 199— " " **Left** "	.75

Tumblers.

Fig. No. D7526

No. 200.

Fig. No. D7527.

No. 202.

Fig. No. D7528.

No. 204.

Fig. No. D7529.

No. 206.

Fig. No. D7530

No. 208.

Fig. No. D7531

No. 210.

Fig. No. D7532.

No. 212.

	PER DOZEN.
No. 200—Back Action Hook, **Right Hand,**	$1.30
No. 201— " " " **Left** "	1.30
No. 202—Front " " **Right** "	1.30
No. 203— " " " **Left** "	1.30
No. 204—Back " Swivel, **Right** "	1.75
No. 205— " " " **Left** "	1.75

	PER DOZEN.
No. 206 Back Action, Rebounding, **Right Hand,**	$7.00
No. 207 — " " " **Left** "	7.00
No. 208—Front " Swivel, **Right Hand,**	1.75
No. 209 " " " **Left** "	1.75
No. 210 Bar " Rebounding, **Right Hand,**	3.75
No. 211 " " " **Left** "	3.75
No. 212—Musket, Swivel, **Right Hand,**	3.00

Cuts Full Size.

When Duplicate Parts for English and Belgian Shot Guns and Rifles are wanted, refer to Page 1443 for Instructions How to Order.

SIMMONS HARDWARE COMPANY

GUN MATERIAL.

Fig. No. D7554

No. 238.

Fig. No. D7555

No. 239.

Fig. No. D7556

No. 240.

Fig. No. D7557

No. 241.

Fig. No. D7558

No. 242.

Plungers.

	PER DOZEN.		PER DOZEN.
No. 238—Small Head,	$1.00	**No. 241**—Machine, Low Notch,	$1.50
No. 239—Medium "	1 00	**No. 242**—Doll's Head, Plain,	1.50
No. 240—Large "	1.00		

Fig. No. D7559

Breech-Loading Nipples.

PER DOZEN.

No. 243—Straw Colored, ... $1.00

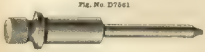
Fig. No. D7560

Breech-Loading Striking Pin Screws.

PER DOZEN.

No. 244—Threaded, ... $0.25

Fig. No. D7561

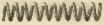


Zulu Striking Pins.

PER DOZEN.

No. 245—Polished, . $2.00

Fig. No. D7562.



Zulu Striking Pin Springs.

PER DOZEN.

No. 246—Black, . . $0.60

Fig. No. D7563

Cut shows Nos. 247 and 248.

Breech-Loading Striking Pins and Springs.

PER DOZEN.

No. 247—Striking Pins, Polished, . $0.35

No. 248—Striking Pin Springs, .25

Fig. No. D7564.

Tumbler Pins.

PER DOZEN.

No. 249—Slotted, Threaded, Polished, . . $0.25

No. 250—Slotted, Threaded, Polished, **for Musket,** .50

Fig. No. D7565

Burs.

PER DOZEN.

No. 251 Polished, . $0.25

Fig. No. D7566

Rod Stops.

PER DOZEN.

No. 252—Forged, . $0.25

Fig. No. D7567

Swivels.

PER DOZEN.

No. 253—Lock Swivels, Double Horn, Filed, . . $1.50

Fig. No. D7568

Swivels.

PER DOZEN.

No. 254—Lock Swivels, Single Horn, Filed, $0.50

Fig. No. D7569

Escutcheons.

PER DOZEN.

No. 255—Malleable **Screw Escutcheons,** . $0.15

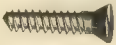
Fig. No. D7570.

Lock Screws.

PER DOZEN.

No. 256—Inside Lock Screws, Threaded, $0.15

Fig. No. D7571



Heel Plate Screws.

PER DOZEN.

No. 257—Bright, . $0.15

Fig. No. D7572.

Guard Screws.

PER DOZEN.

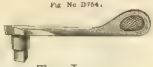
No. 258—Bright, . $0.25

When Duplicate Parts for English and Belgian Shot Guns and Rifles are wanted, refer to Page 1443 for Instructions How to Order.

SIMMONS HARDWARE COMPANY

GUN MATERIAL.

Fig. No. D7541.



Top Levers.

	PER DOZEN.
No. 222—Milled, with Shank,	$5.00

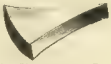
Fig. No. D7542

Cut Two-thirds Size.

Side Levers.

	PER DOZEN.
No. 223 Forged,	$1.50
No. 224 Finished, Blued,	4.00

Fig. No. D7543.

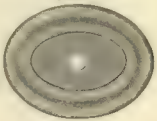


Cut Three-quarters Size

Horn Fore-end Tips.

	PER DOZEN.
No. 225—Unfinished,	$1.00

Fig. No. D7544



Pistol Grip Caps.

	PER DOZEN.
No. 226 Hard Rubber, Fluted,	$3.00

Fig. No. D7545

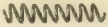
Cut shows No. 227.

Gun Stocks, American Black Walnut.

	PER DOZEN.
No. 227 Muzzle Loading,	$7.00
No. 228 Breech "	7.00
No. E223 " " English Walnut,	36.00
No. NE223 " " Selected English Walnut,	72.00

Fore-end Extras.

Fig. No. D7546

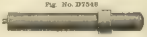


	PER DOZEN.
No. 229 Snap Springs,	$1.20

Fig. No. D7547.

No. 230 Bonehill, Snap Springs,	$0.70

Fig. No. D7548

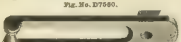


No. 231—Belgian, Fore-end Snaps,	$1.50

Fig. No. D7549.

No. 232 Belgian, Fore-end Snaps,	$2.00

Fig. No. D7550.



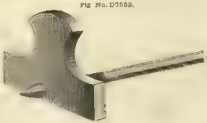
No. 233—Forked Pattern, Snap Springs,	$1.00

Fig. No. D7551

Fore-end Irons.

	PER DOZEN.
No. 234 Milled,	$5.75

Fig. No. D7552.



Extractors.

	PER DOZEN.
No. 235 Forged,	$3.75
No. 236 Milled,	5.50

Fig. No. D7553

No. 237 Extractor Cams,	30.60

When Duplicate Parts for English or Belgian Shot Guns and Rifles are wanted, refer to Page 1443 for Instructions How to Order.

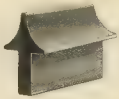
GUN MATERIAL.

Fig No D7582

Double Bolt Loops.

	PER DOZEN.
No. 269—Malleable,	$1.00

Fig No D7583



Breech-Loading Fore-End Loops.

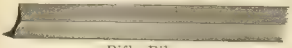
	PER DOZEN
No. 270—Wrought,	$1 25

Fig No D7584

Shot Gun Pipes.

	PER DOZEN.
No. 271—Malleable, Filed,	$2.85

Fig No D7585



Rifle Ribs.

	PER DOZEN.
No. 272—Ground,	$3.50

Fig No D7586

Patch Boxes.

	PER DOZEN.
No. 273—Brass, Spring Cover, Filed,	$6.50

Fig No D7587

Bullet Moulds.

	PER DOZEN.
No. 274—Assorted, 50 to 200 Balls to the Pound,	$2.00

Fig No D7588

Steel Wad Cutters.

	PER DOZEN.
8 Gauge,	$2.50
9 "	2.40
10 to 20 Gauge,	2.00

FLOBERT RIFLE PARTS.

Fig No D7589

Fig No. D7590.

Fig No D7591

Hammers.

Remington Action, Filed.

	PER DOZEN.
No. 275 Light,	$4.50
No. 276 Heavy,	4.50

Old Warnant Action, Filed.

	PER DOZEN.
No. 277—Light,	$4.50
No. 278 -Heavy,	4.50

New Warnant Action, Filed.

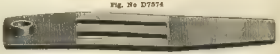
	PER DOZEN.
No. 279,	$6.00

When Duplicate Parts for English and Belgian Shot Guns and Rifles are wanted, refer to Page 1443 for Instructions How to Order.

GUN MATERIAL.

Fig. No. D7573

Fig. No. D7574



Cuts Full Size.

Single Trigger Plates.

PER DOZEN

No. 259 Malleable, ... $0.30

Double Trigger Plates.

PER DOZEN.

No. 260—Malleable, ... $0.25

Fig. No. D7575

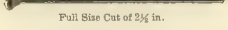
Cut Full Size.

Gun Bolts.

PER DOZEN.

No. 261 Malleable, ... $0.20

Fig. No. D7576



Full Size Cut of 2½ in.

Fig. No. D7577

Full Size Cut of 2 in.

Cross Pins, Slotted, without Thread.

PER DOZEN

No. 262—2, 2¼ and 2½ in., ... $0.30

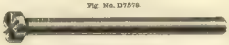
Cross Pins, Slotted, Threaded.

PER DOZEN

No. 263—2, 2¼ and 2½ in., ... $0.25

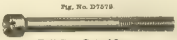
No. 264—2, 2¼ and 2½ in., for Springfield Muskets, .30

Fig. No. D7578



Full Size Cut of 2½ in.

Fig. No. D7579



Full Size Cut of 2 in.

Side Pins, Slotted, without Thread.

PER DOZEN.

No. 265—2, 2¼ and 2½ in., ... $0.20

Side Pins, Slotted, Threaded.

PER DOZEN.

No. 266—2, 2¼ and 2½ in., ... $0.25

Fig. No. D7580.

Fig. No. D7581

Rifle Triggers.

PER DOZEN.

No. 267—New Pattern, ... $14.00

Double Triggers.

PER DOZEN PAIRS.

No. 268 Malleable, . $0.75

When Duplicate Parts for English or Belgian Shot Guns or Rifles are wanted, refer to Page 1443 for Instructions How to Order.

CHAMPION LUMBERING TOOLS.

Fig. No. D847.

Fig. No. D848.

Cant Hooks.

PER DOZEN.

No. 6—**Swedes Iron Clasps and Toe Rings, Extension Toe Ring,** Hammered **Duck Bill Hooks** ⅞ x 7/16 in. Crucible Steel, ½ x 1½ in. Steel Bolts, **Rock Maple Handles, 4 ft. Long, 2⅝ in. Diameter,** . . $27 00

No. 534—**Malleable Iron Clasps, Extension Toe Ring,** Hammered **Duck Bill Hooks,** 1 x 7/16 in. Crucible Steel, ½ x 1⅜ in. Steel Bolts, **Hickory Handles, 4½ ft. Long, 2⅝ in. Diameter,** 28.00

PER DOZEN.

No. 7—**"Excelsior," Malleable Iron Clasps and Toe Rings, Chisel Shaped Hooks** of 1 x 7/16 in. Crucible Steel, ½ x 1½ in. Steel Bolts, **Rock Maple Handles, 4½ ft. Long, 2⅝ in. Diameter,** . . . $18.00

No. 734—**"Excelsior," Malleable Iron Clasps and Toe Rings, Chisel Shaped Hooks** of 1 x 7/16 in. Crucible Steel, ½ x 1¾ in. Steel Bolts, Selected **Hickory Handles, 4½ ft. Long, 2⅝ in. Diameter,** . . 24.00

Fig. No. D849.

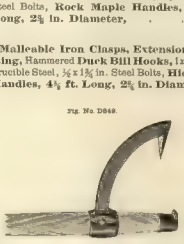
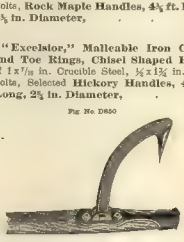


Fig. No. D850



Cant Hooks.

PER DOZEN.

No. 4—**Swedes Iron Clasps and Toe Rings, Hammered Duck Bill Hooks** of 1 x 7/16 in. Crucible Steel, with ½ x 1¾ in. Steel Bolts, **Rock Maple Handles, 4½ ft. Long, 2⅝ in. Diameter,** $24.00

No. 5—**Malleable Iron Clasps and Toe Rings, Hammered Duck Bill Hooks** of 1 x 7/16 in. Crucible Steel, with ½ x 1½ in. Steel Bolts, **Rock Maple Handles, 4½ ft. Long, 2½ in. Diameter,** 21.00

PER DOZEN.

No. 113—**"Ready," Malleable Iron Combined Clasp and Toe Ring, Hammered Duck Bill Hooks** of 1 x 7/16 in. Crucible Steel, with 15/16 x 7/16 in. Steel Bolts, for securing Hooks; Bolted to Handle with ⅜ x 3 in. Bolts, **Rock Maple Handles, 4½ ft. Long, 2⅝ in. Diameter,** $21.00

No. 1134—**"Ready," Malleable Iron Combined Clasp and Toe Ring, Hammered Duck Bill Hooks** of 7/16 x 1 in. Crucible Steel, with ½ x 1¾ in Steel Bolts, for securing Hooks. Bolted to Handle with ⅜ x 3 in. Bolts, Selected **Hickory Handles, 4½ ft. Long, 2⅝ in. Diameter,** 28 00

In Crates of One-half Dozen Each, Thoroughly Protecting the Hooks and Handles.

Average Weight, 50 lbs. per Crate.

Fig. No. D851.

Timber Grapples.

PER DOZEN.

Timber Grapples—**Rock Maple Handle,** 3½ ft. from end to end, and 2½ in Diameter at Clasp, **Wrought Clasps, Steel Grapples, with Swivel,** to Grapple Logs or Timber from 3 to 16 inches, Weight, each, 6 lbs., . $36 00

One-half Dozen in a Crate. Weight, 60 lbs. per Crate.

CHAMPION LUMBERING TOOLS.

Fig. No. D852.

Wrought Socket Peavies.

PER DOZEN.

No. 1—**Swedes Iron Sockets,** Welded and Seamless, **Swedes Iron Clasps, Hammered Duck Bill Hooks,** of ⅞ x 7/16 in. Crucible Steel, with ½ x 1¾ in. Steel Bolts, **Diamond Pointed Steel Pikes, Rock Maple Handles, 5½ ft. Long, 2⅛ in. Diameter,** $33.00

(A new Clasp can be substituted without removing the socket.)

Fig. No. D853.

Split Socket Peavies.

PER DOZEN.

No. 3—**Malleable Iron Sockets, Hammered Duck Bill Hooks** of ⅞ x 7/16 in. Crucible Steel, with ⅜ x 1½ in. Steel Bolts, **Diamond Pointed Steel Pikes, Rock Maple Handles 5½ ft. Long, 2⅛ in. Diameter,** . . $27.00

Fig. No. D854.

Malleable Socket Peavies.

PER DOZEN.

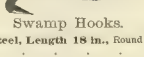
No. 2—**Malleable Iron Sockets, Hammered Duck Bill Hooks** of ⅞ x 7/16 in Crucible Steel, with ⅜ x 1½ in Steel Bolts, **Diamond Pointed Steel Pikes, Rock Maple Handles 5½ ft. Long, 2⅛ in. Diameter,** $27.00

No. 234—**Malleable Iron Sockets, Hammered Duck Bill Hooks** of ⅞ x 7/16 in. Crucible Steel, with ⅜ x 1¾ in. Steel Bolts, **Diamond Pointed Steel Pikes, Selected Hickory Handles 5½ ft. Long, 2⅜ in. Diameter,** 35.00

No. 303 **Malleable Iron Sockets, Hammered Duck Bill Hooks** of 1 x ½ in. Crucible Steel, with ⅝ x 1¾ in. Steel Bolts, **Diamond Pointed Steel Pikes, Selected Hickory Handles 5½ ft. Long, 3 in. Diameter,** 40.00

In Crates of One-half Dozen Each, Thoroughly Protecting the Hooks and Handles. Average Weight, per Crate, 70 lbs.

Fig. No D855.



Swamp Hooks.

PER DOZEN.

No. 12 Made of ⅞ in. Hammered **Crucible Steel, Length 18 in.,** Round, **Up-set Points, Wrought Iron Grab Hooks and Rings,** $30.00

Weight, per Dozen, 72 lbs. Packed Loose.

Fig. No. D856.

Loading Hooks.

PER DOZEN.

No. 13—Made of ⅞ in. Hammered **Crucible Steel, Length 11 in.,** Round, **Up-set Points, Wrought Iron Rings,** . . $16.00

Weight, per Dozen, 48 lbs. Packed Loose.

Fig. No D857

Rollway Breaking Hooks.

PER DOZEN.

No. 14—Made of **1 in. Square Steel, Length 16 in.,** Round, **Up-set Points, Wrought Grab Hooks and Rings,** . . $36.00

Weight, per Dozen, 72 lbs. Packed Loose.

CHAMPION LUMBERING TOOLS.

Fig No. D858.

Chain Rafting Dogs.

PER DOZEN.

No. 54—¾ x 1 in. Iron, **7 in. Long**; Chain, 5/16 in., 10 in. Long, ... $3.60

Fig No. D859.

Ring Dogs.

PER DOZEN

No. 53—1 in. Square Iron, 7 in. Long, Rings, ½ x 3 in., ... $3.00

Weight, per Dozen, 24 lbs. Packed Loose.

Fig No D860.

Lumbermen's Loading Blocks.

PER DOZEN.

No. 19—**All Iron,** Sheaves 5¼ x 1½ in., Wrought Iron Swivel Hooks, ⅝ x 3 in. Steel Bolt, . $30.00

Weight, per Dozen, 180 lbs. Packed Loose.

Fig No. D861

Skidding Tongs.

PER DOZEN.

No. 15—**Octagon,** 1½ in., Hammered Cast Steel, Round Up-set Points, and Wrought Iron Swivel Hooks and Clevises, **Opens 32 in.,** $30.00

Weight, per Pair, 27 lbs.

Fig No D862

Cant Hook and Peavey Handles.

PER DOZEN.

4 ft.—**Rock Maple** Handles, for Mill Cant Hooks,	$2.75
4½ ft.—**Rock Maple** Handles, for Cant Hooks,	3.00
5 ft.—**Rock Maple** Handles, for Cant Hooks,	3.25
5½ ft. Rock Maple Handles, for Peavies,	3.60
4½ ft.—**Hickory** Handles, for Cant Hooks,	6.00
5½ ft. Hickory Handles, for Cant Hooks,	7.00

Handles, Packed Two Dozen in a Crate.

EXTRA PARTS FOR LUMBERING TOOLS.

Fig. No. D863.

Fig. No. D864

No. 22. No. 23.

Fig. No. D865

Hooks Only.

PER DOZEN.

No. 20—Cant Hooks Only, 1 x 1/16 in. Crucible Steel, $12.00

No. 21—Peavey Hooks Only, ⅞ x 1/16 in. Crucible Steel, 12.00

Clasps.

PER DOZEN

No. 22—Wrought Swedes Iron, 2¼ in. Diameter, $8.00

No. 23—Malleable Iron, 2½ in. Diameter, . 6.00

Toe Rings.

PER DOZEN.

No. 24—Wrought Swedes Iron, . . $1.75

No. 25—Malleable Iron, 1.50

LUMBERMEN'S BOOT CALKS AND SETS.

Fig. No. D866

No. 0.

Fig. No. D867

No. 1.

Fig. No. D868.

No. 4.

Lumbermen's Boot Calks.

Standard Pattern, Forged Steel, Oil Tempered and Blued.

PER 1000

No. 0—Small Ball, . $8.00

PER 1000.

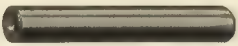
No. 1—Medium Ball, $8.50

PER 1000.

No. 4—Large Heel, . $10.00

Nos. 0 and 1, 500; No. 4, 250 in a Box.

Fig. No. D869

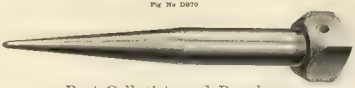


Boot Calk Sets.

PER DOZEN.

Lumbermen's Boot Calk Sets, Tempered Steel, ... $4.00

Fig. No. D870



Boot Calk Sets and Punches.

PER DOZEN

Lumbermen's Combined Boot Calk Sets and Punches, ... $6.00

One-half Dozen in a Box.

Cuts Full Size.

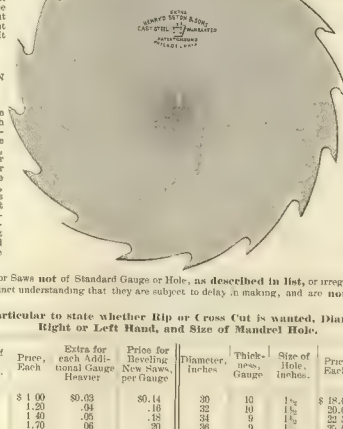
SIMMONS HARDWARE COMPANY

CIRCULAR SAWS.

Patent Ground and Tempered Solid Tooth.

HOW TO TELL THE DIFFERENCE BETWEEN RIGHT AND LEFT HAND CIRCULAR SAWS.

Fig. No. D890.



WHEN IN USE ON SAW MILL.

Standing in front of a Circular Saw, with the Saw revolving towards you, if the carriage upon which the log rests passes to the right of the Saw, it is a Right Hand Saw; if to the left, it is a Left Hand Saw.

WHEN NOT IN USE ON SAW MILL.

When Circular Saws are made perfectly flat on both sides, and the same thickness at the center as at the outer edge or periphery, they are either Right or Left Hand. All Circular Saws below 30 inches are made this way. However, when Saws above 30 inches are "bevel ground," that is, made thicker at the center than at the edge or periphery, they are made flat on the hand or log side, and "dished" or concave on the opposite or off side, and consequently are not reversible. They are usually one gauge thicker at the center than at the edge, but this is not invariable. The "dishing" is necessary because of the centrifugal force; otherwise, when the Saw is in rapid motion, the outer edge would be so stretched that it would not cut correctly, and if it encountered a knot it would not cut through it, but would go around it. Saws thus "dished," when in rapid motion, assume a straight position on both sides and saw correctly.

In order to determine the Hand of a Saw, hold it up with the teeth towards you as it would revolve, and by the use of a straight-edge the flat side can be determined. This is the log or hand side, and the concave side is the opposite or off side. Thus, a Right Hand Saw will be flat on the right hand or log side, and "dished" or concave on the left hand or opposite side.

NOTICE. Orders for Saws **not** of Standard Gauge or Hole, **as described in list,** or irregular in any particular, will be accepted only with the distinct understanding that they are subject to delay in making, and are **not subject to cancellation** under any circumstances.

When ordering, be particular to state whether Rip or Cross Cut is wanted, Diameter of Saw in Inches, Right or Left Hand, and Size of Mandrel Hole.

Diameter, Inches.	Thickness, Gauge.	Size of Hole, Inches.	Price, Each	Extra for each Additional Gauge Heavier	Price for Beveling New Saws, per Gauge.	Diameter, Inches	Thickness, Gauge	Size of Hole, Inches.	Price, Each	Extra for each Additional Gauge Heavier.	Price for Beveling New Saws, per Gauge.
4	19	3/4	$ 1 00	$0.03	$0.14	30	10	1 5/8	$ 18.00	$0.90	$1.30
5	19	3/4	1.20	.04	.16	32	10	1 5/8	20.00	1.00	1.40
6	18	3/4	1 40	.05	.18	34	9	1 5/8	22 50	1.20	1.55
7	18	3/4	1.70	06	20	36	9	1 7/8	25.50	1.40	1.70
8	18	3/4	2.00	.08	22	38	9	1 7/8	30.00	1.75	1.85
9	17	3/4	2 50	.10	25	40	9	2	35 00	2 00	2 00
10	16	3/4	3.00	.12	.28	42	8	2	42.00	2.50	2.20
11	16	1	3.50	.14	.30	44	8	2	50.00	3.00	2.40
12	15	1	3.75	.17	.35	46	8	2	60 00	3.50	2 60
14	15	1 1/8	4.50	.21	.40	48	8	2	70 00	4 00	2.80
16	14	1 1/8	5 50	.25	50	50	7	2	80 00	4.50	3.00
18	13	1 1/8	7.00	30	60	52	7	2	90 00	5.00	3 25
20	13	1 1/4	8 50	35	.70	54	7	2	100.00	6 00	3 50
22	12	1 1/4	10.00	45	.80	56	7	2	115 00	7 00	3 75
24	11	1 1/4 or 1 1/2	12 00	.55	.90	58	7	2	130.00	8 00	4.05
26	11	1 1/2	14.00	.65	1.05	60	6	2	145.00	9 00	4 35
28	10	1 1/2	16.00	.80	1.20						

Henry Disston & Sons', **Cross Cut,** 6 to 24 in., inclusive **(furnished from stock).** **Rip,** 6 to 20 in., inclusive **(furnished from stock).** 26 to 60 in. furnished only on special orders, **to be shipped from Factory** at Philadelphia. Discount,

St. Louis Manufacture, 4 to 60 in., ... Discount,

No extra charge for Saws one gauge thicker than List.
Saws 42 inches and under, beveled one gauge without extra charge.
Saws 44 inches and over, beveled two gauges without extra charge.
Saws 48 inches and larger, if made thinner than 10 gauge, are not warranted, and 10% added for each gauge thinner than 10 gauge.

CROSS CUT SAWS.

Without Handles.

When Ordering Saws on this Page, the Number and Size will be sufficient to designate them. If Handles are wanted, invariably specify separately for them.

Fig No. D881

Lance Tooth, Perforated.

No. S/108—**Simmons Hardware Co.'s Conqueror,** Canada Pattern, **Lance Tooth,** Perforated, **14 x 18** Gauge,	Feet,	5	5½	6	6½	7
	Each,	$3.75	4.25	4.50	5.00	5.25
No. R109—**Shurley & Dietrich's** Genuine Canadian **Racer, Lance Tooth, Perforated, 14 x 18** Gauge,	Each,		$5 50	6 00	6 50	7 00
No. S.C.130—**Simond's Crescent Ground,** Canada Pattern, **Lance Tooth, Perforated, 14 x 19** Gauge,	Each,			$4 80	5.50	6 30

Fig No. D882

Dexter Pattern Tooth.

No. D127—**Disston's, Alligator, Aluminum Steel,** Natural Color, **Dexter** Pattern, **14 x 18** Gauge,	Feet,	6	6½	7	7½
	Each,	$6.00	6.50	7.00	
No. R125—**"Black Jack," Dexter** Pattern, **14 x 18** Gauge,	Each,	$4.80	5.20	5.60	
No. M131—**"Oak Leaf," Dexter** Pattern, **14 x 18** Gauge,	Each,	$4.20	4.55	4.90	
No. A113—**Atkins', Silver Steel, Dexter** Tooth, **14 x 18** Gauge, **with No. 1 Handles and Raker** Gauge,	Each,	$7.00	7 60	8 20	
No. A114—**Atkins', Cast Steel, Dexter** Tooth, **14 x 16** Gauge,	Each,	$4.56	4.94	5.32	
No. A115—**Atkins', Cast Steel, Dexter** Tooth, **14 x 18** Gauge,	Each,	$4.80	5 20	5.60	6.00

CROSS CUT SAWS.

Without Handles.

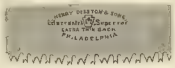
When Ordering Saws on this Page, the Number and Size will be sufficient to designate them. If Handles are wanted, invariably specify separately for them.

Fig. No. D693

Tuttle Tooth.

No. K100—Keen Kutter, Tuttle-Champion Tooth, **14 x 17** Gauge, .	Feet, Each,	5 $3.00	5½ 3.30	6 3 60	6½ 3.96	7 4.20
No. A116—Atkins', Cast Steel, Tuttle Tooth, **14 x 16** Gauge. .	Each,			$2.76	3.00	3.22
No. A117—Atkins', Cast Steel, Tuttle Tooth, **14 x 18** Gauge, .	Each,		$2.76	3.00	3.26	3.50

Fig. No. D694.



Champion Tooth.

No. D101—Disston's, No. 1 Champion Tooth, **14 x 18** Gauge, .	Feet, Each,	5	5½ $3.19	6 3 48	6½ 3 77	7 4.06
No. D102—Disston's, No. 2 Champion Tooth, **14 x 16** Gauge, .	Each,	$2.70	2.97	3 24	3.51	3 78
No. M128—Oak Leaf, Champion Tooth, **14 x 16** Gauge, . .	Each,	$2.50	2 75	3 00	3.25	3.50
No. SC129—Simond's, Crescent Ground, Champion Tooth, **14 x 19** Gauge,	Each,		$4 10	4.80	5 50	

CROSS CUT SAWS.

Without Handles.

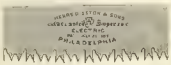
When Ordering Saws on this Page, the Number and Size will be sufficient to designate them. If Handles are wanted, invariably specify separately for them.

Fig. No. D696

Diamond Tooth.

No. D104—Disston's, Diamond Tooth, **14 x 18** Gauge,	Feet,	**5**	**5½**	**6**	**6½**	**7**
	Each,	$3.20	3.52	3.84	4.16	4.48
No. A118—Atkins', Cast Steel, Diamond Tooth, **14 x 16** Gauge,	Each,		$2 86	3.12	3 38	3.64
No. A119—Atkins', Cast Steel, Diamond Tooth, **14 x 18** Gauge,	Each,		$3.03	3 36	3.64	3 92

Fig. No. D698

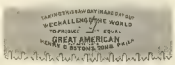


Electric Tooth.

Disston's, Electric Tooth, **14 x 18** Gauge.

No. D106—	Feet,	**6**	**6½**	**7**
	Each,	$3.54	4.16	4.48

Fig. No. D697

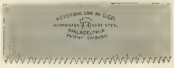


Great American Tooth.

Disston's, Great American Tooth, **14 x 18** Gauge.

No. D126—	Feet,	**5**	**5½**	**6**
	Each,	$3.20	3.52	3.84

Fig. No. D696



Plain Tooth.

No. D103—Disston's, No. 2 Plain Tooth, **14 x 16** Gauge,	Feet,	**4**	**4½**	**5**	**5½**	**6**	**6½**	**7**
	Each,	$2.16	2.43	2 70	2.97	3.24	3.51	3.78
No. M132=Oak Leaf, Plain Tooth, **14 x 16** Gauge,	Each,	$2.00	2 25	2 50	2.75	3.00		

CROSS CUT SAWS.

Without Handles.

When Ordering Saws on this Page, the Number and Size will be sufficient to designate them. If Handles are wanted, invariably specify separately for them.

Fig No. D899.

Champion Tooth.

Fig No. D900.

Diamond Tooth.

Narrow, Hollow Back.

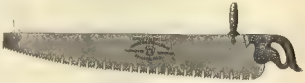
No. K200—**Keen Kutter,** Blued, **Champion** Tooth, **Narrow,**	Feet, Each,	**5** $2.00	**5½** 2.30	**6** 2.40	**6½** 2.60	**7**
No. B202—**Blacksnake, Champion** Tooth, **Narrow,**	Each,	$1 70	1 87	2.04	2 21	2 38
No. B203—**Blacksnake, Diamond** Tooth, **Narrow,**	Each,	$1.80	1.98	2.16		
No. D201—**Disston's, Triumph, Champion** Tooth, **Narrow,**	Each,	$1 80	1.98	2 16	2.34	2.52
No. A205—**Atkins', Tuttle** Tooth, **Narrow,**	Each,	$1 40	1.54	1.68	1 82	1.96

ONE MAN CROSS CUT SAWS.

Fig No. D901

Champion Tooth.

Fig No. D902



Great American Tooth.

No. K300—**Keen Kutter, Champion** Tooth, **One Man,** with Supplementary Handle,	Feet, Each,	**2½**	**3** $2.10	**3½** 2 45	**4** 2 80	**4½** 3.15	**5** 3 50
No. M303—**Oak Leaf, Champion** Tooth, **One Man,** with Supplementary Handle,	Each,		$1 95	2 28	2 60	2 93	3 25
No. D301 **Disston's, Champion** Tooth, **One Man,** with Supplementary Handle,	Each,		$2 25	2.60	3.00	3 35	3.70
No. D302—**Disston's, Great American** Tooth, **Plain Back, One Man,** with Supplementary Handle,	Each,	$2.25	2 55	2 75	3 25	3.65	4.10
No. A306—**Atkins', Tuttle** Tooth, **One Man,** with Supplementary Handle,	Each,		$1 98	2.18	2 64	2.94	3.24

HAND, RIP AND PANEL SAWS.

Fig No D803

Keen Kutter.

Extra Cast Steel, Full Width Grained Blade and Fancy Etched, Applewood Handle, Polished Edges, 4 Improved Special Nickel Plated Screws.

	PER DOZEN.
No. 87=Keen Kutter, Straight Back, 26 in., Hand, 6 to 10 Points,	$19.00
No. 87=Keen Kutter, Straight Back, 28 in., Rip, 4 to 6 Points,	22.50

No. 87=Keen Kutter, Straight Back, Panel,	Inches,	18	20	22
	Points,	8 to 11	8 to 11	8 to 11
	Per dozen,	$13.00	15.00	17.00

Fig No D904

Keen Kutter.

Extra Spring Steel, Full Width Grained Blade and Fancy Etched, Carved Polished Applewood Handle, 4 Improved Special Nickel Plated Screws.

	PER DOZEN.
No. 88=Keen Kutter, Skew Back, 26 in., Hand, 6 to 12 Points,	$21.00
No. 88=Keen Kutter, Skew Back, 28 in., Rip, 4½ to 6 Points,	24.00

No. 88=Keen Kutter, Skew Back, Panel,	Inches,	18	20	22	24
	Points,	8 to 12	8 to 12	8 to 12	8 to 12
	Per dozen,	$15.00	16.50	18.50	20.00

Fig. No. D803

Oak Leaf.

Special Cast Steel, Full Width Grained Blade and Etched, Cherry Handle, Polished Edges, 4 Special Nickel Plated Screws

	PER DOZEN.
No. 89=Oak Leaf, Straight Back, 26 in., Hand, 6 to 9 Points,	$17.00
No. 90=Oak Leaf, Skew Back, 26 in., Hand, 6 to 9 Points,	19 00

No. 90=Oak Leaf, Skew Back, Panel,	Inches,	18	20	22
	Points,	8 to 11	8 to 11	8 to 11
	Per dozen,	$13.00	15 00	17.00

One-third Dozen in a Box.

HAND, RIP AND PANEL SAWS.

Fig No. D906

Columbia.

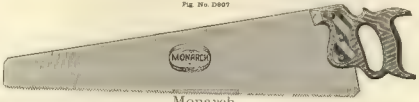
Selected Cast Steel, Grained Blade and Etched, with Beech Handle, Polished Edges, 4 Special Brass Screws — PER DOZEN.

No. 93—"Columbia," **Straight Back, 26 in., Hand,** 6, 7, 8, 9 and 10 Points,	$15.00
No. 94—"Columbia," **Skew Back, 26 in., Hand,** 6, 7, 8, 9, 10, 11 and 12 Points,	17.00
No. 94—"Columbia," **Skew Back, 28 in., Rip,** 4½, 5, 5½ and 6 Points,	17.00

No. 94—"Columbia," **Skew Back, Panel,**			
Inches,	**18**	**20**	**22**
Points,	8 to 11	8 to 11	8 to 11
Per dozen,	$11.00	13.00	15.00

One-third Dozen in a Box.

Fig No. D907



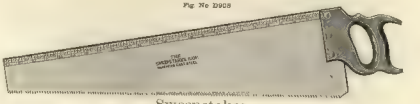
Monarch.

Cast Steel Blade, Black Walnut Handle, Polished Edges, Steel Plate on Handle, 3 Brass Raised Screws. — PER DOZEN.

Monarch=26 in., Hand, 6 to 9 Points,	$10.00
Monarch—28 in., Rip, 4½ to 6 Points,	12.00

Monarch=Panel,			
Inches,	**18**	**20**	**22**
Points,	8 to 10	8 to 10	8 to 10
Per dozen,	$6 00	7.00	8.00

Fig No D908



Sweepstakes.

Cast Steel Blade, Beech Handle, Polished Edges, 3 Brass Screws, with 24-in. Rule — PER DOZEN.

Sweepstakes—26 in., Hand, 6 to 9 Points,	$9.00

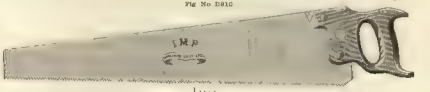
Fig No D909

Smiley's.

Cast Steel Blade, Beech Handle, Polished Edges, 3 Brass Screws. — PER DOZEN

Smiley's Delight=26 in., Hand, 6 to 9 Points,	$8 00

Fig No D910



Imp.

Cast Steel Blade, Beech Handle, Polished Edges, 3 Brass Screws. — PER DOZEN.

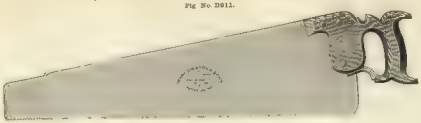
Imp, 26 in., Hand, 6 to 9 Points,	$7.00

Imp, Panel,			
Inches,		**18**	**20**
Points,		7 to 10	7 to 10
Per dozen,		$4.50	5.00

One-half Dozen in a Box.

HAND, RIP AND PANEL SAWS.

Fig. No. D911.



Disston's, No. 7, Straight Back.

Cast Steel, Grained Blade and Etched, Beech Handle, Polished Edges, 4 Improved Brass Screws.

Hand.

	PER DOZEN.
No. 7—Disston's, 26 in., Hand, 5 to 12 Points,	$20.00
No. 7—Disston's, 28 in., Hand, 5 to 8 Points,	23 50
No. 7—Disston's, 30 in., Hand, 5 to 7 Points,	27.00

Rip.

	PER DOZEN.
No. 7—Disston's, 26 in., Rip, 4½ to 6 Points,	$20.00
No. 7—Disston's, 28 in., Rip, 4 to 7 Points,	23.50
No. 7—Disston's, 30 in., Rip, 4½ to 6 Points,	27.00

Panel.

	Inches,	16	18	20	22	24
No. 7—Disston's, Panel,	Points,	7 to 12	7 to 12	7 to 12	7 to 12	7 to 10
	Per dozen,	$13.00	14.00	16.00	18.00	19.00

Fig. No. D912

Disston's, No. D, Skew Back.

Spring Steel, Grained Blade and Etched, Apple Handle, Polished Edges, 5 Improved Brass Screws.

	PER DOZEN.
No. D—Disston's, 26 in., Hand, 6 to 12 Points,	$22.00
No. D—Disston's, 28 in., Rip, 4 to 6 Points,	25 00

	Inches,	18	20	22	24
No. D—Disston's, Panel,	Points,	7 to 12	7 to 12	7 to 12	8 to 12
	Per dozen,	$16 00	17 50	19 50	21.00

Fig. No. D913

Disston's, No. 120 Acme, Skew Back.

Extra London Spring Steel, Highly Polished Blade, Carved and Polished Apple Handle, 5 Improved Brass Screws.

	PER DOZEN
No. 120—Disston's, 26 in., Hand, 7 to 12 Points,	$33 00

NOTICE.

In sharpening No 120 Acme Saws, care must be used to file the teeth at the same angle as they leave the factory. They are made to run without set, and are so high in temper that an attempt to set them will break the teeth We do not warrant these Saws that may be broken from this cause. In order to file properly, a six-inch Safe Back Cant File, made expressly for this purpose, should be used.

One-third Dozen in a Box.

SIMMONS HARDWARE COMPANY

COMPARATIVE LIST OF PADLOCKS IN NUMERICAL ORDER.

Wrought Iron Padlocks.

Simmons Hardware Co.,	4/0	3/0	2/0	0	1	2	3	4	5	6	7	11	14	16	2400	
Wm Wilcox Mfg. Co.,	4/0	3/0	2/0	0	1	2	3	4	5	6	7	11	14	16	2400	
Mallory-Wheeler Co.,	5/0	3/0	2/0	0	1	2	3	4	5	6	7	11	14	16		
Sargent & Co.,	120	200	201	202	301	302	303	315	316	365	605	815	347C	202C	305	
Russell & Erwin Mfg. Co.,	5000	3000	200	201	202	203	204	205	206	207	208	212	314	301		
Brittan, Graham & Mathes,	5/0	3/0	2/0	0	1	2	3	4	5	6	7		14	16		

Wrought Iron Padlocks.

Simmons Hardware Co.,	3013	3017	3018	3020	3026	3027	3028	3029	3030	3034	3036	3040	
Wm. Wilcox Mfg Co.,	3013	3017	3018	3020	3026	3027	3028	3029	3030	3034	3036	3040	
Mallory-Wheeler Co.,	1021	1030	1029	1006	1033	1043	1023	1014	1000	1049	1048	1052	
Sargent & Co.,	203	385	215	342	404	223	304	349C	204	321C	321	216	
Russell & Erwin Mfg. Co.,		1032	1241		1233	1237	215		1200	346	246		
Brittan, Graham & Mathes,	2021	2030	2029	2006	2033	2043	2023	2014	2000	2049	2048	2052	

Wrought Iron Padlocks.

Simmons Hardware Co.,	3042	3044	3064	3066	3076
Wm. Wilcox Mfg. Co.,	3042	3044	3064	3066	3076
Mallory-Wheeler Co.,	1054	1053	1025	1044	1060
Sargent & Co.,	405	232	335	232C	216C
Russell & Erwin Mfg. Co.,	1245	1247	226	1347	1322
Brittan, Graham & Mathes,	2054	2053		2044	2060

Wrought Brass Padlocks.

Simmons Hardware Co.,	100	101	102	104
Wm. Wilcox Mfg. Co.,	100	101	102	104
Mallory-Wheeler Co.,	40	41	42	44
Sargent & Co.,	30	31	32	34
Russell & Erwin Mfg. Co.,	1		2	3

NUMERICAL LIST OF PADLOCKS.

No.	DESCRIPTION	PAGE.
Dandy	Bronze	420
St. Louis	Bronze	417
0000	Wrought, Japanned	409
000	Wrought, Japanned	409
00	Wrought, Japanned	409
0	Wrought, Japanned	409
1	Wrought, Japanned	409
KA1	Wrought, Brass	418
1M	Miller's, Brass	420
2	Wrought, Japanned	409
3	Wrought, Japanned	410
4	Wrought, Japanned	410
5	Wrought, Japanned	410
6	Wrought, Japanned	410
7	Wrought, Japanned	410
10M	Miller's, Brass	420
11	Wrought, Japanned	411
12B	Brass, Nickel Plated	419
14	Wrought, Japanned	414
16	Wrought, Japanned	413
50	Cast, Brass	419
76	Steel, Dark Finish	418
77	Wrought, Brass	418
100	Wrought, Brass	419
101	Wrought, Brass	419
102	Wrought, Brass	419
104	Wrought, Brass	419
110	Iron, Scandinavian	415
111	Iron, Scandinavian	415
112	Iron, Scandinavian	415
150	Cast, Brass	419
170	Cast, Brass	419
211	Cast, Brass	419
214	Iron, Scandinavian	416
225	Iron, Scandinavian	415
226	Iron, Scandinavian	415
226½	Iron, Scandinavian	415
227	Iron, Scandinavian	415
227½	Iron, Scandinavian	415
228	Iron, Scandinavian	415
406	Steel, Dark Finish	418
407	Wrought, Brass	418
500B	Cast, Brass	419
777	Iron, Black Finish	416
800	Yale, Bronze	421
805	Yale, Bower-Barff	421

No.	DESCRIPTION.	PAGE
813	Yale, Bronze	420
823	Yale, Bronze	420
833	Yale, Bronze	420
843	Yale, Bronze	420
853	Yale, Bronze	420
863	Yale, Bronze	420
873	Yale, Bronze	420
1011	Iron, Scandinavian	415
1012	Iron, Scandinavian	415
1013	Iron, Scandinavian	415
1892	Brass, Scandinavian	416
2400	Wrought, Japanned	411
3013	Wrought, Japanned	413
3017	Wrought, Japanned	412
3018	Wrought, Japanned	412
3020	Wrought, Japanned	412
3026	Wrought, Japanned	412
3027	Wrought, Japanned	412
3028	Wrought, Japanned	412
3029	Wrought, Japanned	414
3030	Wrought, Japanned	411
3034	Wrought, Japanned	413
3036	Wrought, Japanned	411
3040	Wrought, Japanned	413
3042	Wrought, Japanned	413
3044	Wrought, Japanned	413
3064	Wrought, Japanned	411
3066	Wrought, Japanned	414
3076	Wrought, Japanned	414
4010½	Steel, Bright	418
4014	Wrought, Brass	417
4016	Wrought, Brass	417
4020	Wrought, Brass	417
4021	Wrought, Japanned	417
4041	Steel, Bright	418
04043	Wrought, Brass	417
4045	Steel, Bright	417
04046	Aluminum	417
4052	Steel, Old Copper	417
4059	Steel, Oxidized Silver	418
07240	Aluminum	419
8005	Yale, Bower-Barff	421
8013B	Yale, Bronze	420
8053	Yale, Bronze	421
8454	Yale, Bower-Barff	421
84054	Yale, Bower-Barff	421

WROUGHT IRON PADLOCKS.

Japanned.

Fig No D2162

PER DOZEN.

No. 0000—2 in., Self-Locking, **Spring Shackle, 4 Changes** in a Dozen, $1.75

Fig No D2163

PER DOZEN.

No. 000—2¼ in., Plain, . . . $2 50

Fig No D2164

PER DOZEN

No. 00—1 Key, 2⅛ in., **Brass Drop,** . $3 00

No. 00-2K—2 Keys, 2¼ in., **Brass Drop,** 3 50

Fig No D2165

PER DOZEN.

No. 0—2¼ in., **Brass Drop,** Raised Bushing, **4 Changes** in a Dozen, . . $3 25

Fig No D2166

PER DOZEN.

No. 1—1 Key, 2½ in., **Brass Drop,** . $3.75

No. 1 2K 2 Keys, 2½ in., **Brass Drop,** 4 25

Fig No D2167

PER DOZEN

No. 2 -2½ in., **Brass Drop and Bushing,** Assorted, **6 Changes** in a Dozen, . $4.25

One Dozen in a Box.

Cuts Two-thirds Size

SIMMONS HARDWARE COMPANY

WROUGHT IRON PADLOCKS.

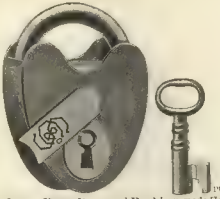
Japanned.

Fig. No. D8168.

Brass Drop and Bushing, 6 Changes in a Dozen.

	PER DOZEN.
No. 3—1 Key, 2½ in.,	$4.50
No. 3 2K 2 Keys, 2½ in.,	5.40

Fig. No. D8169.



PER DOZEN.

No. 4—2½ in., Brass Drop and Bushing, made Heavy, 1 Wheel and Side Ward, 6 Changes in a Dozen, $5.10

Fig No D8170

PER DOZEN.

No. 5—2½ in., Brass Drop and Bushing, made Heavy, 2 Wheels, Side Wards, 6 Changes in a Dozen, $5.35

Fig. No. D8171.

Brass Drop and Bushing, made Heavy, 1 Wheel and Side Wards, Extra Heavy Shackle, 12 Changes in a Dozen.

	PER DOZEN.
No. 6—1 Key, 2½ in.,	$6.75
No. 6-2K—2 Keys, 2½ in.,	8.00

Fig. No. D8172

Brass Drop and Bushing, made Heavy, 1 Wheel, Side and Bridge Wards, 12 Changes in a Dozen.

	PER DOZEN.
No. 7—1 Key, 2¾ in.,	$8.00
No. 7 2K—2 Keys, 2¾ in.,	9.25

One-half Dozen in a Box.

Cuts Two-thirds Size.

WROUGHT IRON PADLOCKS.

Japanned.

Fig. No D2173

PER DOZEN.

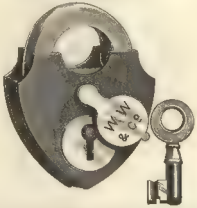
No. 11—3¼ in., **Brass Drop and Bushing, made Heavy,** 1 Wheel and Side Wards, **12 Changes** in a Dozen, $9 50

Fig. No. D2174.

Brass Bushing, Solid Wheel and Bridge Wards, Brass Key and Steel Bit, **6 Changes** in a Dozen.

	PER DOZEN.
No. 2400—1 Key, 2¼ in.,	$6.50
No. 2400-2K—2 Keys, 2¼ in.,	8.50

Fig. No. D2175



Brass Drop and Bushing, Solid Wheel and Side Wards, **Self-Locking, Flat Steel Spring Shackle, 12 Changes** in a Dozen.

	PER DOZEN.
No. 3064—1 Key, 2¼ in.,	$6.60
No. 3064-2K—2 Keys, 2¼ in.,	8.10

Fig. No D2176

PER DOZEN.

No. 3030—2¼ in., **Brass Drop and Bushing,** Brass Side and Wheel Wards, Assorted, **4 Changes** in a Dozen, $5.00

Fig. No D2177

Brass Drop, 1 Wheel Ward, Self-Locking **Spring Shackle, 6 Changes** in a Dozen.

	PER DOZEN.
No. 3036—1 Key, 2¼ in.,	$4.75
No. 3036-2K—2 Keys, 2¼ in.,	6.00

No. 3030. One Dozen; Remainder, One-half Dozen in a Box.

Cuts Two-thirds Size

WROUGHT IRON PADLOCKS.

Japanned.

Fig. No. D2178.

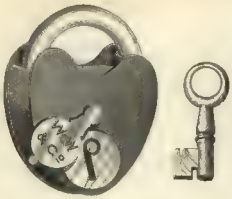
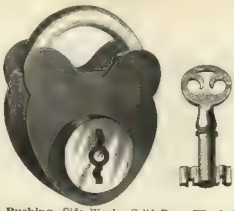


Fig. No. D2179



PER DOZEN.

No. 3028—2½ in., **Brass Drop and Bushing,** Solid Wheel Wards, Assorted, **6 Changes** in a Dozen, $5.50

Brass Bushing, Side Wards, Solid Brass Wheel, Double Chamber and **Double Bitted Key,** Fine Finish, **6 Changes** in a Dozen. PER DOZEN

No. 3020—1 Key, 2½ in., . . . $6.70

No. 3020-2K—2 Keys, 2½ in., . . . 8.20

Fig. No. D2180.

Fig. No. D2181

Brass Drop and Bushing, Wheel Ward, Revolving Key Pin, Solid Steel Keys, **6 Changes** in a Dozen. PER DOZEN.

No. 3018 1 Key, 2¼ in., . . . $5.45

No. 3018 2K 2 Keys, 2¼ in., 6.45

Fancy Brass Bushing, Double Chamber, Revolving Key Pin, **Double Bitted** Flat Steel **Keys, 6 Changes** in a Dozen. PER DOZEN.

No. 3027 -1 Key, 2¼ in., . . . $6.70

No. 3027 2K—2 Keys, 2¼ in., 7.95

Fig. No. D2182

Fig. No. D2183.

Brass Drop and Bushing, 1 Wheel Ward, Revolving Key Pin, Solid Steel Keys, **6 Changes** in a Dozen. PER DOZEN.

No. 3017 -1 Key, 2¼ in., . . . $6.70

No. 3017 2K—2 Keys, 2¼ in., . . . 7.70

Fancy Brass Bushing, 1 Wheel and Bridge Ward, Double Chamber, Revolving Key Pin, **Double Bitted** Steel **Keys, 6 Changes** in a Dozen. PER DOZEN

No. 3026—1 Key, 2½ in., . $8.35

No. 3026-2K 2 Keys, 2½ in., 9.60

One-half Dozen in a Box.

Cuts Two-thirds Size.

SIMMONS HARDWARE COMPANY

WROUGHT IRON PADLOCKS.

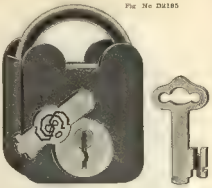
Japanned.

Fig. No. D2184.

PER DOZEN.

No. 3013 2¼ in., **Brass Bushing,** Cylindrical Key, **2 Changes** in a Dozen, . $3.75

Fig. No. D2185



Brass Drop and Bushing, Wheel Ward, Rotating Key Pin, Self-Locking, **Spring Shackle,** Solid Steel Keys, **6 Changes** in a Dozen. PER DOZEN.

No. 3040—1 Key, 2¼ in., . . . $6.25

No. 3040-2K—2 Keys, 2¼ in., . . . 7.25

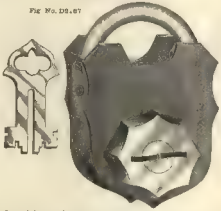
Fig. No. D2186

Brass Bushing, Bridge Ward, Double Chamber, Self-Locking, **Spring Shackle,** Revolving Key Pin, **Double Bitted** Flat Steel **Keys, 12 Changes** in a Dozen. PER DOZEN.

No. 3044 1 Key, 2¼ in., $7.10

No. 3044 2K 2 Keys, 2¼ in., 8.35

Fig. No. D2187



Brass Bushing, Wheel and Bridge Ward, Double Chamber, Self-Locking **Spring Shackle,** Revolving Key Pin, **Double Bitted** Flat Steel **Keys, 12 Changes** in a Dozen. PER DOZEN

No. 3042—1 Key, 2½ in., . . . $8.25

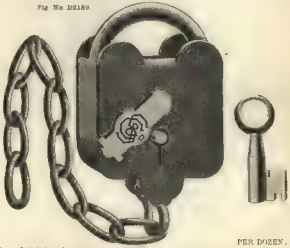
No. 3042 2K—2 Keys, 2½ in., . . . 9.25

Fig. No. D2188

PER DOZEN.

No. 16—2½ in., **Brass Drop and Bushing, with Chain, 4 Changes** in a Dozen, . $4.90

Fig. No. D2189



PER DOZEN.

No. 3034 2½ in., **Brass Drop, with Chain,** 1 Wheel Ward, **Spring Shackle,** Self-Locking, **6 Changes** in a Dozen, $7.00

No. 3013, One Dozen: Remainder, One-half Dozen in a Box.

Cuts Two-thirds Size.

SIMMONS HARDWARE COMPANY

WROUGHT IRON PADLOCKS.

Japanned, with Chain.

Fig. No D2190.

Brass Drop and Bushing, with Chain, Spring Shackle, 6 Changes in a Dozen.

	PER DOZEN
No. 14—1 Key, 2⅛ in., ...	$8.35
No. 14-2K—2 Keys, 2⅛ in., ...	9.30

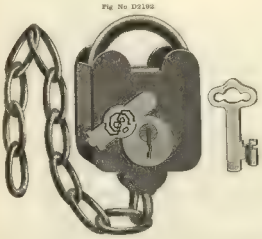
Fig. No D2191

Brass Drop and Bushing, with Chain, Self-Locking **Spring Shackle, 2 Tumblers, 12 Changes** in a Dozen, Brass Star Rivets on both Front and Back.

	PER DOZEN.
No. 3029-2K 2 Keys, 2½ in.,	$16 50

Especially adapted for Locking Railroad Switches.

Fig. No D2192



Brass Drop and Bushing, Wheel Ward, Revolving Key Pin, Self-Locking, **Spring Shackle,** Flat Steel Key, **6 Changes** in a Dozen.

	PER DOZEN
No. 3076—1 Key, 2¼ in., ...	$8.00
No. 3076-2K - 2 Keys, 2¼ in., ...	9.00

Fig. No D2193

Brass Bushing, Bridge Ward, Double Chamber, Self-Locking **Spring Shackle,** Revolving Key Pin, Double Bitted Flat Steel Key, **12 Changes** in a Dozen

	PER DOZEN
No. 3066—1 Key, 2½ in., .	$ 8 75
No. 3066 2K—2 Keys, 2½ in.,	10 00

One-half Dozen in a Box.

Cuts Two-thirds Size.

SCANDINAVIAN OR JAIL PADLOCKS.

Fig No D2.94

Cut Two-thirds Size of No. 1011.

Simmons Hardware Co.'s, Iron, **Painted Brown,** Self-locking, Polished, **Spring Shackle,** 2 Malleable Iron **Keys** to each Lock, **6 Changes** in a Dozen.

	PER DOZEN.
No. 1011 2 in.,	$4 50
No. 1012=2½ in.,	5.25
No. 1013 3 in.,	6 75

Fig No D2195

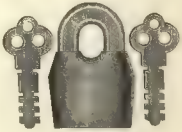
Cut Two-thirds Size of No. 110.

Iron, Painted Red, 2 Malleable Iron Keys to each Lock, Fast Shackle

	PER DOZEN.
No. 110–2 in.,	$3 25
No. 111—2½ in.,	4 00
No. 112-3 in.,	4 75

One-half Dozen in a Box. Twelve Dozen in a Case.

Fig No D2198

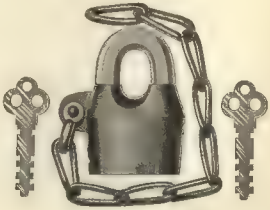


Cut Two-thirds Size of No 225

Iron, Japanned, 2 Flat **Steel Keys** to each Lock.

	PER DOZEN
No. 225—2 in.,	$ 7.00
No. 226—2⅛ in.,	7.85
No. 227 3 in.,	9.25
No. 228—3⅜ in.,	18.00

Fig No D2197



Cut Two-thirds Size of No 226½.

Iron, Japanned, **with Chain,** 2 Flat Steel Keys to each Lock.

	PER DOZEN.
No. 226½—2⅛ in.,	$ 8.70
No. 227⅛—3 in.,	11.75

One-half Dozen in a Box.

SCANDINAVIAN OR JAIL PADLOCKS.

Fig. No. D2198

PER DOZEN.

No. 214 4½ in., **Iron,** Japanned, **2** Drilled **Keys** to each Lock, $25 00

One-half Dozen in a Box.

PADLOCKS.

Fig. No. D2199

Fig. No. D2200

PER DOZEN

No. 777 1¾ in., **Black Rustless Finish** Iron Case, **Heavy,** Self-Locking, **Nickel Plated Spring Shackle, Brass Inside Works, 2** Nickel Plated **Keys** to each Lock, $4.50

PER DOZEN

No. 1892 1½ in., **Solid Brass,** Polished and Lacquered, Fast Shackle, **2** Nickel Plated Flat **Steel Keys** to each Lock, 5 Double-Locking Wedge Compression **Tumblers,** $4 50

One-half Dozen in a Box.

Cuts Two-thirds Size.

SIMMONS HARDWARE COMPANY

PADLOCKS.

Fig. No. D2201

Cuts Full Size.

PER DOZEN.

"St. Louis," 1½ in., Bronze, Spring Shackle, **Self-Locking, 2** Flat Steel **Keys** to each Lock, . . $3.50

One Dozen in a Box.

Fig. No. D2205.

Full Size Cut of Nos. 4014 and 04046.

Self-Locking, Spring Shackle, Flat Steel Key.

PER DOZEN.

No. 4014—⅝ in., Wrought Brass, . . $2.25

No. 04046—⅝ in., Aluminum, . . . 6.00

No. 4016—1 in., Wrought Brass, 4 Changes in a Dozen, ... 2.25

For Dog Collars, Cash Boxes, etc.

Fig. No. D2203

Two-thirds Size Cut of No. 4020.

Self-Locking, Spring Shackle, Flat Steel Key.

PER DOZEN.

No. 4020—1½ in., Wrought Brass, 6 Changes in a Dozen, . . $3.00

No. 4021 1⅝ in., Wrought Iron, Japanned, 1.50

One Dozen in a Box.

Fig. No. D2204

Cuts Two-thirds Size.

PER DOZEN.

No. 4052 2 in., Wrought **Steel, Old Copper Finish, Self-Locking,** Spring Shackle, Brass Inside Works, **2** Nickel Plated Steel **Keys** to each Lock, **12 Changes** in a Dozen, ... $6.00

Fig. No. D2203.

Cuts Two-thirds Size.

Self-Locking, Brass Spring Shackle, 2 Flat Steel **Keys** to each Lock, **12 Changes** in a Dozen.

PER DOZEN.

No. 4045—1¾ in., Wrought Steel Case, 2 Brass Levers, ... $3.50

No. 04043—1¾ in., Wrought Brass, 3 Brass Levers, ... 5.00

One-half Dozen in a Box.

PADLOCKS.

Fig. No. D2206.

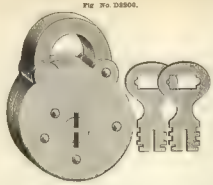
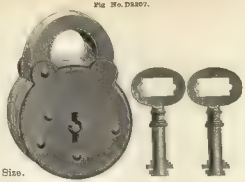


Fig. No. D2207.



Cuts Two-thirds Size.

PER DOZEN.

No. 4041 -2 in., **Wrought Steel, Bright Finish, Self-Locking, Spring Shackle, 6 Brass Levers, 2 Flat Steel** Double Bitted **Keys** to each Lock, **12 Changes** in a Dozen, ... $8.00

PER DOZEN.

No. 4010½ 2 in., **Wrought Steel, Bright Finish,** Self-Locking, **Spring Shackle, 6 Brass Levers, 2** Double Bitted **Keys** to each Lock, **12 Changes** in a Dozen, $8.00

One Dozen in a Box.

Fig. No. D2208.

Fig. No. D2208½

Cuts Two-thirds Size.

PER DOZEN.

No. 4059—2 in., **Wrought Steel** Corrugated Case, **Antique Silver Finish,** Heavy **Brass Spring Shackle,** Self-Locking, **4 Brass Levers, 2** Nickel Plated Steel **Keys** to each Lock, **12 Changes** in a Dozen, ... $10.00

PER DOZEN.

No. KA1—2¼ in., **Yale, Trefoll, Wrought Brass** Case, **Brass Spring Shackle,** Self-Locking, **2 Brass Levers, 2** Steel **Keys** to each Lock, **12 Changes** in a Dozen, ... $6.00

One-half Dozen in a Box.

Fig. No. D2209

Two-thirds Size Cuts of Nos. 406 and 407.

PER DOZEN.

No. 406—1¼ in., **Sheet Steel,** Dark Finish, Instantaneous Self-Locking, **Spring Shackle. Patent Catch, Brass Drop, 2** Nickel Plated Flat Steel **Keys** to each Lock, Keys all different in a Dozen, **168 Changes,** $7.20

No. 407 1¾ in., Same as above, except **Wrought Brass Case and Shackle,** 8.50

No. 76 1¾ in., Same as No. 406, except **without Drop** and **Patent Catch,** and only **6 Changes** to the Dozen, 3.00

No. 77—1¾ in., Same as No. 76, except **Wrought Brass Case and Shackle,** 4.00

Nos. 76 and 77 have not Beveled Edges.

One-half Dozen in a Box.

SOLDERING COPPERS.

Fig. No. D8189.

Cut shows Sharp Point.

Soldering Coppers.

	PER POUND.
Sharp Points, for Common Use. Weight per pair, **1½, 2, 3, 4, 5, 6 and 8 lbs.,**	$
Flat Points, for Bottoms. Weight per pair, **4, 5 and 6 lbs.,**	

If (1) only is wanted, order as "Half a Pair."

	PER DOZEN.
Handles for Soldering Coppers,	$0.75

TINKERS' SOLDERING KITS.

For Family Use.

Fig. No. D8200

	PER DOZEN.
Tinkers' Soldering Kits,	$9.00

Consisting of Soldering Iron, Handled Scraper, box of Resin and small bar of Solder; ready for family use.

Put up in a Wooden Box.

SOLDER.

Fig. No. D8201

	PER POUND.
No. 1—Roofing Solder,	$
No. X—Regular Half and Half Solder,	$
No. XX—Strictly Half and Half Solder,	$

100 lbs. in a Box.

BABBIT METAL.

Fig. No. D8202

Fig. No. D8203

Babbit Metal.

	PER POUND.
Copper Alloy Bars, about 1¼ lbs each,	$
"Genuine",	$

Simmons Hardware Co.'s.

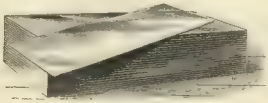
Nos.,	X	XX	XXX
Per Pound=	$		

25 lbs. in a Box.

SIMMONS HARDWARE COMPANY

TINNERS' TRIMMINGS.

Fig. No D6193



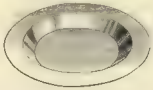
Sheet Copper.

	PER POUND.		PER SHEET.
Plain Copper, Tinned, 14 oz., **14 x 48 in.,** .	$	**Tinning,** . .	$

Planished Copper, Tinned, **14 oz.,**	For Boilers, Nos.,	**6**	**7**	**8**	**9**
	Inches, . .	14 x 48	14 x 52	14 x 56	14 x 60
	PER POUND, .	$			
	Tinning, PER SHEET,	$			
Cold Rolled Polished Copper, **14 oz.,**	For Boilers, Nos., .	**6**	**7**	**8**	**9**
	Inches, . . .	14 x 48	14 x 52	14 x 56	14 x 60
	PER POUND,	$			
	Tinning, PER SHEET,	$			

125 Sheets in a Case.

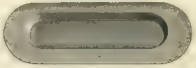
Fig. No D6195



Copper Bottoms, Round Pit, 14 Ounce.

	PER POUND.		PER POUND.
Round Pit, Nos. **7, 8, 9,**	$	Round Flat, Nos. **7, 8, 9,**	$

Fig. No D6197



Copper Bottoms, Oval Pit, 14 Ounce.

	PER POUND.
Oval Pit, Nos. **7, 8, 9,**	$

Fig. No D5.95

Copper Bottoms, Oval Flat, 14 Ounce.

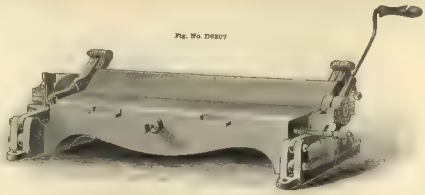
	PER POUND.
Oval Flat, Nos. **7, 8, 9,**	$

300 lbs. One Size in a Case.

SIMMONS HARDWARE COMPANY

TINNERS' TOOLS AND MACHINES.

Fig. No. D8207

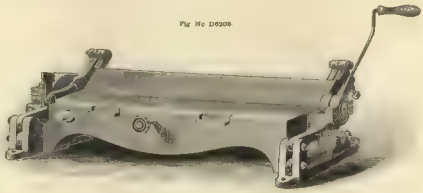


Tin Folding Machines.

Stow's Patent Adjustable Bar Folders.

	EACH.
No. 52—20 inches, will turn Locks from 3/32 to 1 inch,	$30.00
No. 54—30 inches, will turn Locks from 1/32 to 1 inch,	40.00

Fig. No. D8208.

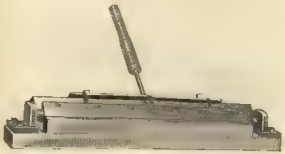


Tin Folding Machines.

Stow's Patent Adjustable Bar Folders.

	EACH.
No. 152—20 3/4 inches, will turn Locks from 3/32 to 1 inch,	$30.00
No. 154—30 inches, will turn Locks from 3/32 to 1 inch,	40.00

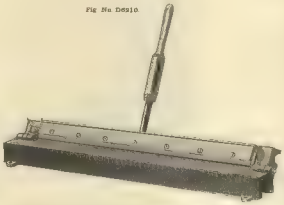
Fig. No. D8209.



Wood Bottom Sheet Iron Folders.

	EACH.
No. 1—Wood Bottom Sheet Iron Folders, 30 inches,	$10.00

Fig. No. D8210.



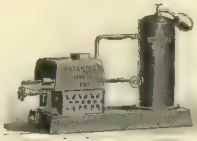
Stow's Improved Sheet Iron Folders.

	EACH.
No. 10—Stow's Sheet Iron Folders, 30 inches,	$10.00

For Tin Plate see Pages 982A and 982B.

GEM GASOLINE SOLDERING FURNACES.

Fig. No. D6204



Gem Gasoline Soldering Furnaces.

	EACH.
Gem, with **Tin** Reservoir,	$10 00
Gem, with **Copper** Reservoir,	12 00
Extra Bulbs,	.75
Extra Pots and Hoods,	1.00
Extra Burners,	.75

We guarantee that every Furnace can be worked out of doors or on roofs in all kinds of weather.

The Burner is Cylinder in shape, and made of Cast Iron, and cannot burn out. It is so constructed, and the shape is such, that the **Solder** from the Soldering Coppers **cannot fall into the perforations.** It is noiseless and a powerful heater. The heat is distributed full length of Coppers. It is light and provided with a handle, making it portable. It is supplied with our Pneumatic Reservoir, which cannot be filled while Burner is burning. By the use of same all accidents are prevented. The Resting Plate on which Coppers rest, is but five inches from workman's bench, and hood opening is of sufficient size to admit the largest size Coppers, which can be readily heated in a short time. It is also provided with a sliding cut-off and drip cup, of which knob is always cool. The patent Rubber Bulbs used on our Furnace are of the best quality, and will wear for an indefinite time.

One in a Crate. Weight, 20 lbs.

TINNERS' STOVES.

Fig. No. D6206

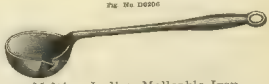
	PER DOZEN.
No. 2—Tinners' Stoves, Sheet Iron,	$60.00

Weight Each, 13 lbs.

Packed One-half Dozen in a Box.

MELTING LADLES.

Fig. No. D6206

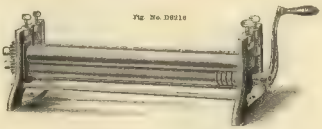


Melting Ladles, Malleable Iron.

Inches,	3	4	5
PER DOZEN,	$2.00	3.00	4 25

Packed Loose.

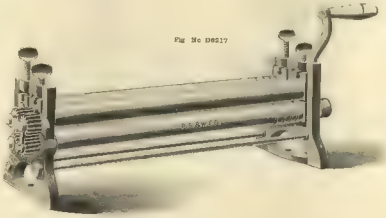
TINNERS' TOOLS AND MACHINES.



Stove Pipe Formers.

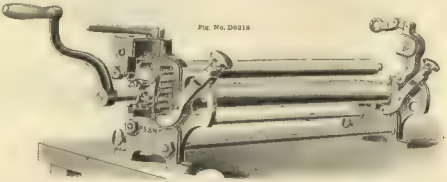
These Formers are made with steel rolls. They are turned, finely finished, and are free from indentations and imperfections.

	EACH.
No. 1—2 inch Rolls, 30 inches long,	$19.00
No. 2—1¾ inch Rolls, 30 inches long,	18.00



Patent Formers, with Compensating Gear.

	EACH.
No. 11—1¾ inch Rolls, 30 inches long,	$20 00
No. 12—2 inch Rolls, 30 inches long,	22.00



Grannis' Patent Slip Roll Formers.

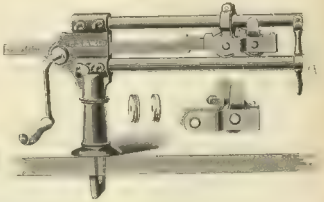
	EACH.
No. 100—2 inch Rolls, 30 inches long,	$21.00
No. 200—1¾ inch Rolls, 30 inches long,	22.00

For Tin Plate see Pages 982A and 982B.

TINNERS' TOOLS AND MACHINES.

Fig. No. D6211.

Fig. No. D6212



Wright's Patent Sheet Iron Folders.

	EACH.
No. 1—30 in., Wright's Patent Sheet Iron Folders,	$12.00

Grannis' Patent Grooving Machines.

	EACH.
No. 12—30 in., Grannis' Patent Groovers, with Stand,	$20.50

Fig. No. D6213

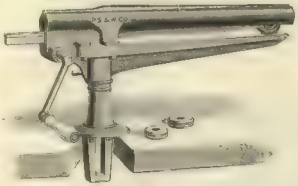
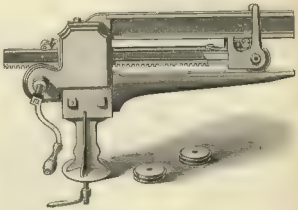


Fig. No. D6214



Stow's Encased Groovers.

	EACH
No. 1—30 in., for Heavy Work, with Rotary Stand,	$13.50

Brass Mounted Groovers.

	EACH.
No. 1—20 in., for Heavy Work, with Stand,	$13.50

For Tin Plate see Pages 982A and 982B.

TINNERS' TOOLS AND MACHINES.

Fig. No. D6923

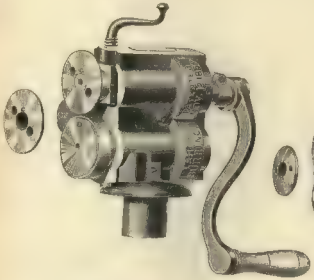
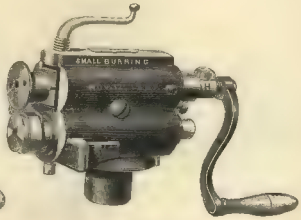


Fig. No. D6924



Large Burring Machines.

With Extra Upper Face.

	EACH.
Encased Large Burring Machines, with Extra Upper Face, with Standard, ...	$10.50

Small Burring Machines.

With Extra Upper Face.

	EACH
Encased Small Burring Machines, with Extra Upper Face, with Standard, . .	$10.00

Fig. No. D6925.

Wiring Machine Standards.

Encased Machines are all packed with Standards.

These Standards are so made as to be used on any bench, varying in thickness from 1 to 3½ inches. The necessity of cutting holes in the benches is obviated, and the Tinner is enabled to use a Machine in any part of his shop most convenient to his work. The WRENCH IS ALWAYS attached to the Standard

These Standards are also adapted to **"Raymond's," No. 1 and "Columbian"** Machines

Fig. No. D6926.

Small Machine Standards.

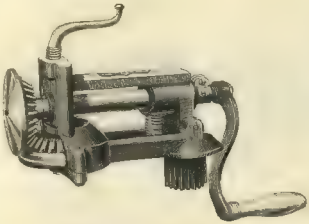
Improved Machine Standards.

	EACH.
Improved Wiring Machine Standards, ...	$1.00
Improved Small Machine Standards, ...	1.00

For Tin Plate see Pages 982A and 982B.

TINNERS' TOOLS AND MACHINES.

Fig. No. D8219

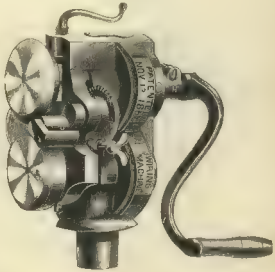


Setting Down Machines.

EACH.

Encased Setting Down Machines, with Standard, $9.75

Fig. No. D8220

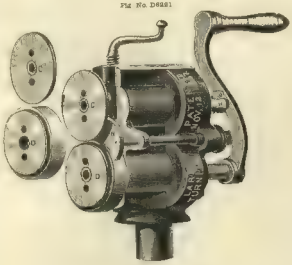


Wiring Machines.

EACH

Encased Wiring Machines, with Standard, $14.00

Fig. No. D8221



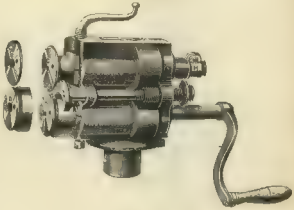
Large Turning Machines.

With Extra Faces.

EACH.

Encased Large Turning Machines, with Extra Upper and Lower Face, with Standard, . . $11.50

Fig. No. D8222



Small Turning Machines.

With Extra Faces.

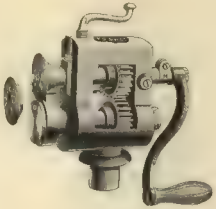
EACH.

Encased Small Turning Machines, with Extra Upper and Lower Face, with Standard, . . $11.25

For Tin Plate see Pages 982A and 982B.

TINNERS' TOOLS AND MACHINES.

Fig No D6321

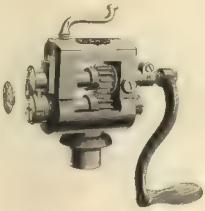


Large Burring Machines.

EACH.

Columbian, Large Burring Machines, with Extra Upper Face, with Standard, . . $10.00

Fig No D6322

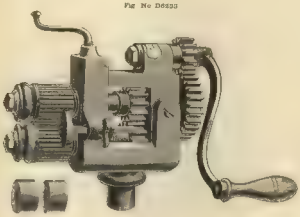


Small Burring Machines.

EACH

Columbian, Small Burring Machines, with Extra Upper Face, with Standard, . . $9.50

Fig No D6323



Combined Stove Pipe Crimpers and Beaders.

EACH.

No. 7—Stove Pipe Crimpers and Beaders complete, with Standard, ... $12.00

Fig. No. D6324

Hand Crimping Machines.

EACH

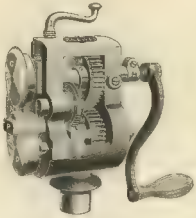
Blumer's, Hand Crimping Machines, . . $2.50

A necessity for Tinners in fitting and putting together pipe of every description. Works with ease and rapidity. Durable and very simple in construction. Can be used on Tin and Sheet Iron as thick as No. 24 Gauge.

For Tin Plate see Pages 982A and 982B.

TINNERS' TOOLS AND MACHINES.

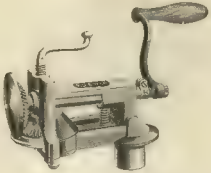
Fig. No. D6227



Wiring Machines.

	EACH.
Columbian Wiring Machines, with Standard, .	$13.90

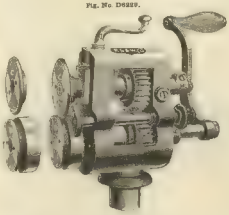
Fig. No. D6228



Setting Down Machines.

	EACH.
Columbian Setting Down Machines, with Standard,	$9.75

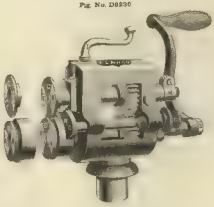
Fig. No. D6229.



Large Turning Machines.

	EACH.
Columbian Large Turning Machines, with Extra Upper and Lower Face, with Standard, .	$10.75

Fig. No. D6230



Small Turning Machines.

	EACH
Columbian Small Turning Machines, with Extra Upper and Lower Face, with Standard, .	$10.50

For Tin Plate see Pages 982A and 982B.

SIMMONS HARDWARE COMPANY.

TINNERS' TOOLS AND MACHINES.

Fig. No. D6238.

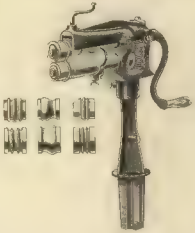
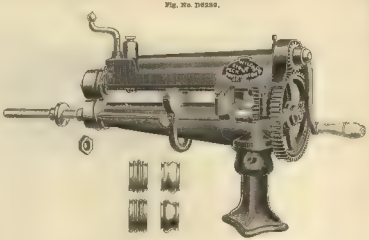


Fig. No. D6239.



No. 4 Beading Machines, with Stand.

EACH.

No. 4—Stow's Patent **6 inch,** with four pairs Rollers and Rotary Stand, ... $19.75

Size of Beads as follows: O. G. 3/4 in., Triple 5/8 in., Triple Coffee Pot 1/2 in., Single 3/16 in.

EACH.

No. 5—Stow's Patent **4 inch,** for Tin, with five pairs Rollers and Rotary Stand, ... $16.75

Size of Beads as follows. Astral 5/8 in., O. G. 1/2 in., Triple Coffee Pot 3/16 in., Triple Coffee Pot, fine, 3/8 in., Single Bead 1/4 in.

Beading Machines.

EACH.

No. 1—Patent, **13 in.,** with 3 pairs Rollers and Rotary Stand, ... $32.25

No. 2—Patent, **10 in.,** with 3 pairs Rollers and Rotary Stand, ... 31.25

Size of Beads for Nos. 1 and 2 are as follows: O. G. Bead 1 in., Triple Bead 1 in., Single Bead 7/8 in.

EACH.

No. 3—Patent, **7½ in.,** with 3 pairs Rollers and Rotary Stand, ... $26.25

Size of Beads for No. 3 are O. G. Bead 7/8 in., Triple Bead 7/8 in., Single Bead 5/16 in.

Fig. No. D6240.

Jones' Patent Oval Handle Formers.

EACH.

Jones' Oval Handle Formers, for Forming Oval Rings of Wire, ... $6.00

A Gauge to measure the wire, three sets of Rolls for forming different size Handles are attached to each Machine.

Fig. No. D6241

Wire Ring Formers.

EACH.

Wire Ring Formers or Winders, ... $3.00

Fig. No. D6242

Stow's Patent Gutter Beaders.

EACH.

No. 0—Stow's Patent, Cast Steel Rod, **30 in. Long,** 1/2 or 3/4 in. Diameter, ... $10.00

No. 1—Stow's Patent, Cast Steel Rod, **20 in. Long,** 5/8 to 3/4 in. Diameter, ... 5.50

Fig. No. D6243

Iron Bottom Gutter Beaders.

With Enclosed Rod.

EACH.

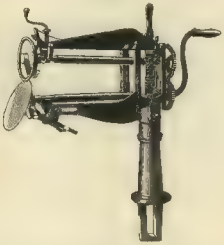
No. 02—Iron Bottom, with Enclosed Rod, **30 in.,** . $6.00

No. 11—Iron Bottom, with Enclosed Rod, **20 in.,** . 4.00

For Tin Plate see Pages 982A and 982B.

TINNERS' TOOLS AND MACHINES.

Fig. No. D6235.



Moore's Patent Double Seaming Machines, with Standard.

	EACH.
No. 2—Moore's Patent, 13 in., for common work, 4 in. face, with Standard, ...	$19.00

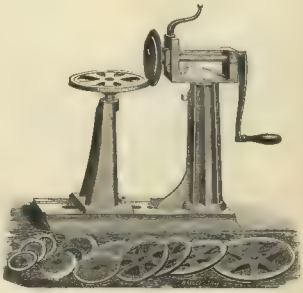
Fig. No. D6256.

Olmsted's Setting Down and Double Seaming Machines.

Eight Discs.

	EACH.
No. 1—Olmsted's Double Seaming Machines, with Setting Down Attachment, ...	$30.00

Fig. No. D6237



Hulbert's Patent Double Seaming Machines.

Ten Discs—Four Faces.

	EACH.
No. 1—Hulbert's Double Seaming Machines, with Reflector, ...	$30.00

For Tin Plate see Pages 982A and 982B.

ASSORTED CASES JAPANNED BIRD CAGES.

"Case No. 300" Contains 1 each of every Cage on Pages 1331 and 1332.

For Price see Page 1331.

Fig No D6324

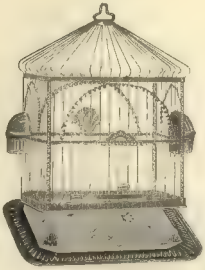
Fig No D6325.

Fig No D6326

	PER DOZEN.
No. 98—9 x 9 in.,	$20.50
No. 41 8¾ x 8¾ in.,	$17.50
No. 110—2 Nested, 9 x 9 ½ x ½ in.,	$17.50

Fig No D6327

Fig No D6328.



	PER DOZEN.
No. 38—8½ x 10½ in.,	$20.00
No. 109—7¾ x 10 in.,	$18.00

None of the above Cages Carried Separately in Stock.

ASSORTED CASES JAPANNED BIRD CAGES.

"Assorted Case No. 300".

(One dozen all Square Cages) contains 1 each of every Cage on Pages 1331 and 1332.

PER CASE.

No. 300—Case Containing 12 Cages, Complete, $17.00

(No Charge for the Case.)

Weight per Case, 65 lbs.

Fig No D6318

PER DOZEN.

No. 106—6 x 8 in., . . $9.00

Carried separately in stock, see Page 1340.)

Fig No D6319

PER DOZEN

No. 107—7½ x 7½ in., $9.25

(Not carried separately in stock.)

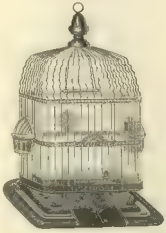
Fig No D6320

PER DOZEN.

No. 108—7½ x 7½ in., $10.00

(Not carried separately in stock.)

Fig No D6321



PER DOZEN.

No. 11—8 x 9 in., . . $18.00

(Not carried separately in stock.)

Fig No D6322

PER DOZEN.

No. 99—9 x 10 in., . $18.00

(Not carried separately in stock.)

Fig No D6323

PER DOZEN.

No. 22—9 x 10½ in., $20.00

(Not carried separately in stock.)

ASSORTED CASES JAPANNED BIRD CAGES.

"Assorted Case No. 231" Contains 1 each of every Cage on Pages 1333 and 1334.
For Price see Page 1333.

Fig No D8331

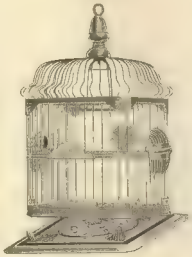
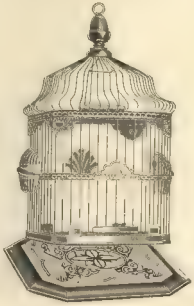


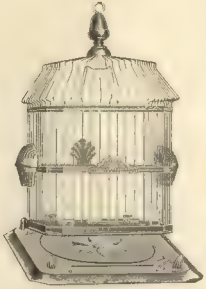
Fig No D8333



	PER DOZEN.		PER DOZEN.
No. 121—8 x 8 in.,	$12.50	**No. 41**—8¾ x 8¾ in., . .	$17.50

Fig No D8334

Fig. No D8334½



	PER DOZEN		PER DOZEN.
No. 26—9½ x 9½ in., .	$15.50	**No. 20**—9½ x 9½ in., . . .	$16.00

None of the above Cages Carried Separately in Stock.

ASSORTED CASES JAPANNED BIRD CAGES.

For the convenience of the Retail Trade, we have packed in a Single Case, 1 dozen Bird Cages, known as

"Assorted Case No. 231".

One dozen all Square Cages of the Patterns as Illustrated on Pages 1333 and 1334, in all 12 Cages, well assorted.

PER CASE.

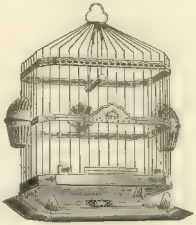
"Assorted Case **No. 231**", Containing 12 Cages complete, ... $14.05

(No Charge for the Case.)

Weight per Case, 60 lbs.

Six Sizes, Nested.

Fig. No. D6329.



	PER DOZEN.
No. 123—6¼ x 9¼ in.,	$ 9.25
No. 124—6¾ x 9¾ in.,	10.50
No. 125—7⅞ x 10⅞ in.,	12.25
No. 126—8 x 11 in.,	14.00
No. 127—8¼ x 11½ in.,	15.50
No. 128—9 x 12 in.,	17.00

Fig. No. D6330.

Fig. No. D6331

	PER DOZEN.		PER DOZEN.
No. 108 7½ x 7½ in., ...	$10.60	**No. 15**—8½ x 10 in., ...	$18.00

None of the above Cages Carried Separately in Stock.

ASSORTED CASES JAPANNED BIRD CAGES.

"Assorted Case No. A92".

Contains 1 each of every Cage on Page 1336.

"Case No. A92", Containing 6 Cages, ... PER CASE $8 95

(No Charge for the Case.)

Weight per Case, 35 lbs.

Fig. No D6339

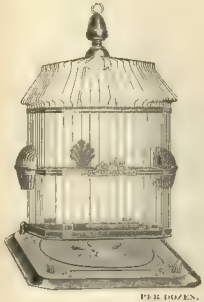


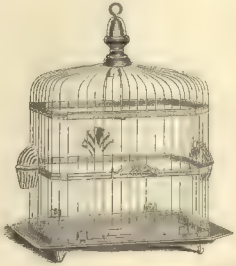
Fig. No D6340

Fig. No D6341

	PER DOZEN.		PER DOZEN.		PER DOZEN.
No. 20 9½ x 9½ in.,	$15.00	**No. 12** 8¾ x 8¾ in., .	$16.50	**No. 13**—9 x 9 in., .	$18.00

Fig. No D6342

Fig. No D6343



	PER DOZEN.		PER DOZEN.
No. 25 7¼ x 10 in., .	$18.50	**No. 137**—8½ x 11½ in., .	$18 00
		No. 138—9 x 12 in., .	20.00

None of the above Cages carried Separately in Stock.

ASSORTED CASES JAPANNED BIRD CAGES.

"Assorted Case No. A91".

Contains 1 each of every Cage on Page 1335.

	PER CASE.
"Case No. A91", Containing 6 Cages,	$7.60

(No Charge for the Case.)

Weight per Case, 33 lbs.

Fig. No. D6133

Fig. No. D6136

	PER DOZEN.		PER DOZEN.
No. 130—8 x 8 in.,	$12.50	**No. 131**—8½ x 8¾ in.,	$15.00
		No. 132—9½ x 9½ in.,	16.50

Fig. No. D6337

Fig. No. D6336

	PER DOZEN.		PER DOZEN.
No. 134—9¼ x 9¼ in.,	$13.50	**No. 135**—7½ x 10⅜ in.,	$16.00
		No. 136—8 x 11 in.,	1[illegible].50

None of the above Cages Carried Separately in Stock.

ASSORTED CASES JAPANNED BIRD CAGES.

"Case No. 500" Contains 1 each of every Cage on Pages 1337 and 1338.

Fig. No. D6349

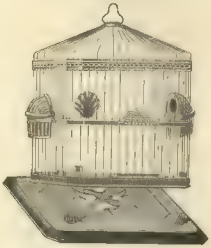


Fig. No. D6350

No. 72—8½ x 10¾ in., ... PER DOZEN, $14.00

(Carried separately in stock, see Page 1339.)

No. 75—Square, 1 each, 8¾ x 8¾ and 9½ x 9½ in., PER DOZEN, $14.50

(Carried separately in stock, see Page 1339.)

BRASS BIRD CAGES.

Fig. No. D6351

Fig. No. D6352

No. 919—7½ x 8¾ in., Burnished Bottom, . PER DOZEN, $18.00

(Not carried separately in stock.)

No. 931—7½ x 8¾ in., Burnished Bottom, . PER DOZEN, $20.00

(Not carried separately in stock.)

Fig. No. D6353

Fig. No. D6354

No. 920—8 x 9½ in., Burnished Bottom, . PER DOZEN, $28.00

(Not carried separately in stock.)

No. 922—8 x 9½ in., Burnished Bottom, PER DOZEN, $20.00

(Not carried separately in stock.)

ASSORTED CASES JAPANNED BIRD CAGES.

"Assorted Case No. 500".

1 Dozen Cages, viz: 8 Square Japanned Cages, and 4 Square Brass Cages, as Illustrated on Pages 1337 and 1338.

	PER CASE.
"Case No. 500", Containing 12 Cages, Complete, ...	$16.97

(No Charge for the Case.)

Weight per Case, 55 lbs.

Fig. No. D6344

	PER DOZEN
No. 106—6 x 8 in., ...	$9.00

(Carried separately in stock, see Page 1340.)

Fig. No. D6346

	PER DOZEN.
No. 107—7½ x 7½ in., ...	$9.25

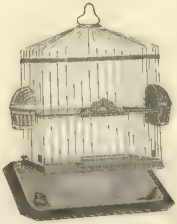
(Not carried separately in stock.)

Fig. No. D6349

	PER DOZEN.
No. 111—8 x 8 in., .	$10.50

(Not carried separately in stock.)

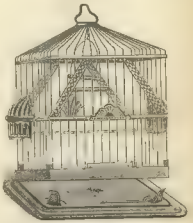
Fig. No. D6347



	PER DOZEN.
No. 90—7 x 9 in.,	$10.40

(Carried separately in stock, see Page 1340.)

Fig. No. D6348



	PER DOZEN.
No. 92—7½ x 9½ in., .	$13.50

(Carried separately in stock, see Page 1340.)

SIMMONS HARDWARE COMPANY

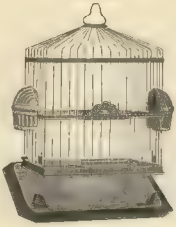
JAPANNED BIRD CAGES.

Separate Numbers.

Fig. No. D8361

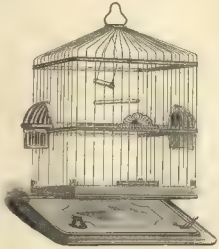
No. 106—8 x 8 in., PER DOZEN . $9.00

Fig. No. D8362



No. 90 7 x 9 in., PER DOZEN. $10.40

Fig. No. D8363

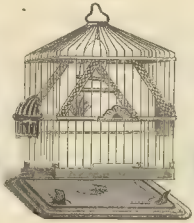


No. 91—7½ x 9½ in., PER DOZEN . $12.00

Fig. No. D8364

No. 62—8½ x 10 in , PER DOZEN. $16.00

Fig. No. D8365



No. 92 7½ x 9½ in., PER DOZEN. $13.50

Fig. No. D8366

No. 28—8 x 10½ in., PER DOZEN. $18.00

JAPANNED BIRD CAGES.

Separate Numbers

Fig No D6355

PER DOZEN.

No. 0 7 in Diameter, . $7 00

Fig No D6356

PER DOZEN.

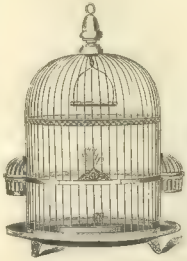
No. 101 8 in Diameter, . $8 00

Fig No D6357

PER DOZEN.

No. 103 9 in. Diameter, $12 00

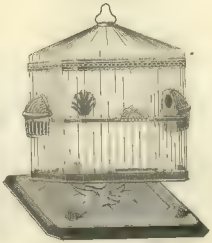
Fig No D6358



PER DOZEN.

No. 105 10½ in. Diameter, $15.00

Fig No D6359



PER DOZEN

No. 72 8 x 10½ in. $14.00

Fig No D6360.

PER DOZEN.

No. 75 Square, sizes 8½ x 8½ and 9½ x 9½ in., sold only Nested, $14.50

SIMMONS HARDWARE COMPANY.

JAPANNED BIRD CAGES.

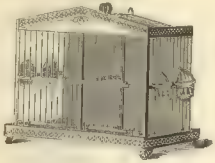
Separate Numbers.

Fig. No. D6372

Traveling.

No. 100T—Traveling, 5¾ x 8¼ in., PER DOZEN, $6.00

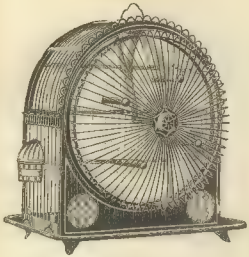
Fig. No. D6373



Breeding.

No. 52—Breeding, 10 x 16½ in., PER DOZEN $34.00

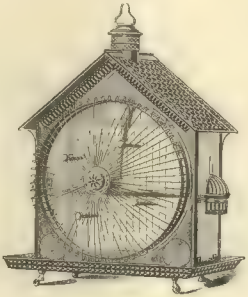
Fig. No. D6374



Revolving Wheels.

No. 602—16 in. long, 10 in. wide, 16½ in. high, PER DOZEN, $36.00

Fig. No. D6375



Revolving Wheels.

No. 606—16 in. long, 10 in. wide, 19 in. high, PER DOZEN. $44.00

SIMMONS HARDWARE COMPANY

JAPANNED BIRD CAGES.

Separate Numbers.

Fig. No. D6367

Fig. No. D6368

No. 48—8 x 19¼ in., . . . PER DOZEN $19.00

No. 63—8½ x 19¼ in., PER DOZEN $21.00

Fig. No. D6369

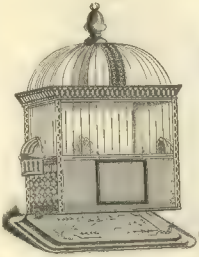
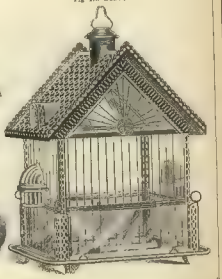


Fig. No. D6370.

Fig. No. D6371



No. 83—8½ x 10 in., PER DOZEN $26.00

No. 46—8 x 19½ in., PER DOZEN $29.00

No. 31—8½ x 10¾ in., with Plain Glass Guards, PER DOZEN $34.00

Padlocks.

JAPANNED, WROUGHT IRON.

Fig 2470.

No. 3033, Spring.

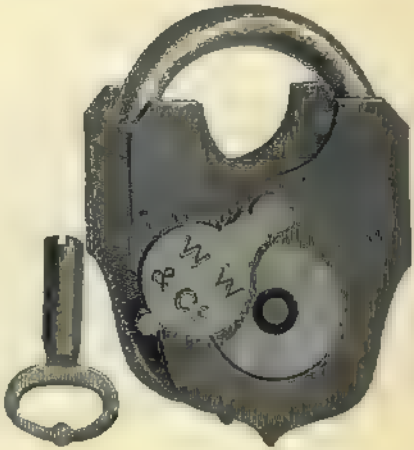
Fig 2471

No. 3045, Spring

Fig 2472

No 3007.

Fig 2473.



No. 3015.

		1 Key. Per Doz.	3 Keys. Per Doz.
No. 3007,	2½ inches, Brass Bushing, Fancy Engraved Drop, Patent Rotating Key Hub and Bridge Ward, Steel Keys, 12 kinds to dozen,	$4 00	$4 55
3015,	2½ inches, Brass Drop and Bushing, Fine Finish, Cylindrical Key, all different,	3 75	4 30
3033,	2¼ " " 1 Wire Ward, Self Locking, Spring Shackle, with Pin for Chain,	2 75	3 00
3045,	2¼ " " Self-Locking, Spring Shackle, Tuck Pin, Fancy Nickel-plated Key, 4 kinds to dozen,	3 25	3 85

Padlocks.

JAPANNED, WROUGHT IRON.

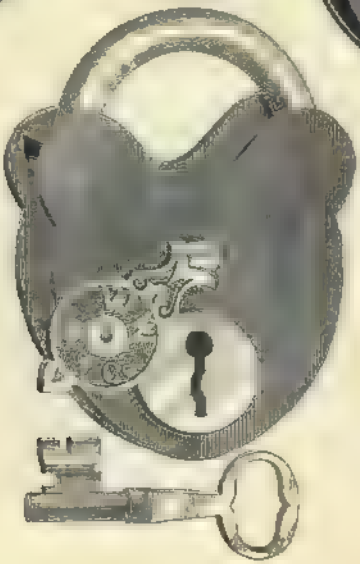
Fig. 2474.

No. 2300.

Fig. 2475

No. 2400.

Fig. 247[illegible]



No. 3030.

	Per Doz.	Per Doz.
No. 2300. 2¼ inches, Brass Bushing, Fancy Engraved Drop, 4 Solid Wheels and Patent Bridge Ward, Brass Key with Steel Bit, 4 kinds to dozen,	$2 75	$3 75
2400, 2½ inches, Brass Bushing, 4 Solid Wheels and Patent Bridge Ward, Brass Key with Cast Steel Bit, 5 kinds to dozen,	3 90	4 90
3030, 2¾ inches, Brass Bushing, Fancy Engraved Drop, Solid Brass Wheels and Bridge Ward, Nickel-plated Brass Key with Cast Steel Bit, 12 kinds to dozen,	3 90	6 25

One-half Dozen in a Box.

Padlocks.

JAPANNED, WROUGHT IRON.

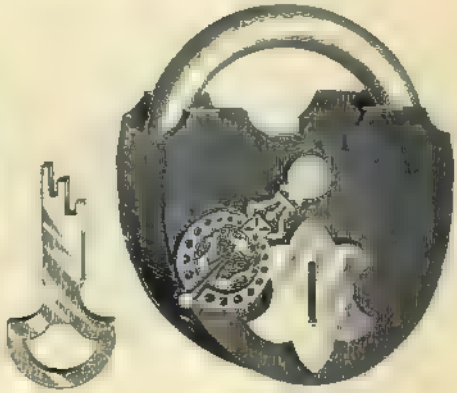
Fig. 2477.

No. 2800.

Fig. 2478

No. 3023, Spring

Fig. 2479.



No. 3024. Spring.

		1 Key Per Doz.	2 Keys Per Doz.
No. 2800.	2¼ inches, Brass Bushing, Full Brass Wheels and Patent Bridge Wards, Double Chamber, Brass Key, with Cast Steel Bits, 6 kinds to dozen,	$5 00	$6 00
3023,	2½ inches, Brass Bushing, Wrought Tumblers, 4 Bridge Wards, Wrought Spring Shackle, Flat Steel Keys, all different,	3 50	4 15
3024,	2¾ inches, Brass Bushing, Fancy Engraved Drop, 2 Wrought Tumblers, Wrought Spring Shackle, Flat Steel Keys, all different,	4 25	4 90

One-half Dozen in a Box.

Padlocks.

JAPANNED, WROUGHT IRON

Fig. 2480.

No. 3001

Fig. 2481

No. 3002

Fig. 2482.

No. 3014

Fig. 2483

No. 2900

	Per Dozen	2 Keys Per Doz.
No. 2900, 2¼ inches, Brass Bushing, Fancy Engraved Drop, Full Brass Wheels, Patent Rotating Key Hub, Solid Cast Steel Flat Keys, 6 kinds to dozen,	$4 50	$5 15
3001, 2¼ inches, Brass Bushing, Fancy Engraved Drop, Patent Rotating Key Hub and Bridge Ward, Solid Cast Steel Flat Keys, 6 kinds to dozen,	3 25	3 90
3002, 2¼ inches, Brass Bushing, Fancy Engraved Drop, Patent Rotating Key Hub and Bridge Ward, Solid Cast Steel Flat Keys, assorted kinds,	4 25	4 90
3014, 2¼ inches, Brass Bushing, Fancy Engraved Drop, Patent Rotating Key Hub, Solid Cast Steel Flat Keys, 12 kinds to dozen,	4 25	4 90

One-half Dozen in a Box.

Padlocks.

JAPANNED, WROUGHT IRON.

Fig 2484.

No. 3012 Spring

Fig 2485.

No. 3017.

Fig 2486.

No. 3018.

Fig 2487.

No. 3027.

	1 Key Per Doz	2 Keys Per Doz
No. 3012, 2¼ inches, Brass Bushing, Patent Rotating Key Hub, Self-Locking, Spring Shackle, Solid Cast Steel Flat Key, Double Bit, 6 kinds to dozen, - -	$4 00	$4 75
3017, 2½ inches, Brass Drop and Bushing, Patent Rotating Key Hub, Solid Cast Steel Flat Key, all different, - - - - - - - -	4 00	4 65
3018, 2¼ inches, Brass Drop and Bushing, Patent Rotating Key Hub, Solid Cast Steel Flat Key, 6 kinds to dozen, - - - - -	3 25	3 90
3027, 2¼ inches, Brass Bushing, Double Chamber, Revolving Key Pin, Solid Cast Steel Flat Keys, Double Bit, all different, - - - - - -	4 00	4 75

One-half Dozen in a Box.

Padlocks.

JAPANNED WROUGHT IRON

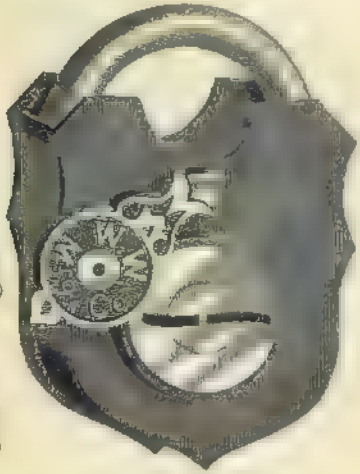
Fig. 2488

No. 3026

Fig. 2489.

No. 3031

Fig. 2490



No. 3043, Spring

No. 3044 Spring.

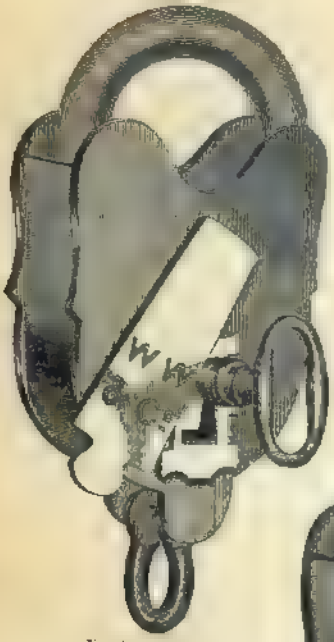
	1 Key or Doz.	3 Keys Per Doz.
No. 3026, 2½ inches, Brass Bushing, Double Chamber, Revolving Key Pin, Solid Cast Steel Flat Keys, Double Bit, all different, -	$5 00	$5 75
3031, 2½ inches, Brass Bushing, Fancy Engraved Drop, Double Chamber, Revolving Key Pin, Solid Cast Steel Flat Key, Double Bit, all different - -	5 50	6 25
3043, 2½ inches, Brass Bushing, Fancy Engraved Drop, Double Chamber, Revolving Key Pin, Self Locking Spring Shackle, Solid Cast Steel Flat Key, Double Bit, all different,	5 75	6 50
3044, 2¼ inches, Brass Bushing, Double Chamber, Revolving Key Pin, Self Locking Spring Shackle, Solid Cast Steel Flat Key, Double Bit, all different - -	4 25	5 00

One-half Dozen in a Box.

Padlocks.

JAPANNED, WROUGHT IRON.

Fig. 2492.



No. 12 Spring

Fig. 2493.

No. 13 Spring

Fig. 2494.

No. 16

	1 Key Per Doz.	2 Keys Per Doz.
No. 12, 2½ inches, Brass Bushing and Brass Spring Drop, 3 Tumblers, Self-Locking, made double and extra safe, with Loop for Chain, Malleable Iron Key,	$7 50	$8 20
13, 2½ inches, Brass Bushing and Brass Spring Drop, 3 Tumblers, Self-Locking, made double and extra safe, with Chain, Malleable Iron Key,	9 00	9 70
16, 2½ inches, Brass Drop, with Chain, Malleable Iron Key, 4 kinds to dozen,	2 80	3 05

One-half Dozen in a Box.

Padlocks.

JAPANNED, WROUGHT IRON.

Fig. 2496.

No. 14, Spring

Fig. 2498

No. 17.

Fig. 2497

No. 3032, Spring.

	1 Key. Per Doz.	2 Keys. Per Doz.
No. 14, 2½ inches, Brass Drop and Bushing, Spring Shackle, with Chain, Malleable Iron Key, 6 kinds to dozen,	$3 00	$3 60
17, 2½ inches, Brass Drop and Bushing, 2 Wheels and Side Wards, with Chain, Malleable Iron Key, 12 kinds to dozen,	4 25	4 85
3032, 2½ inches, Brass Drop and Bushing, Fine Tumbler, Spring Shackle Wheel and Side Wards, with Chain, Malleable Iron Key, all different,	4 60	5 30

One-half Dozen in a Box.

Padlocks.

JAPANNED, WROUGHT IRON.

Fig. 2498

No. 3029, Spring

Fig. 2500

Fig. 2499

No. 3016

No. 2006.

	Per Dozen	Per Gross
No. 2006, 2¼ inches, Brass Bushing, Fancy Engraved Drop, Patent Rotating Key Hub, 3 Bridge Wards, with Chain, Solid Cast Steel Flat Key, all different,	$5 50	$6 15
3016, 3¼ inches, Brass Bushing, Fancy Engraved Drop, Patent Rotating Key Hub, with Chain, Solid Cast Steel Flat Key, all different,	5 50	6 15
3029, 2½ inches, Brass Bushing and Rivets, Fancy Engraved Drop, 2 Tumblers, 3 Bridge Wards, Spring Shackle, with Chain, Malleable Iron Key, all different,	8 00	8 75

One-half Dozen in a Box.

Padlocks.

SCANDINAVIAN.

Fig. 2501.

Fig. 2502.

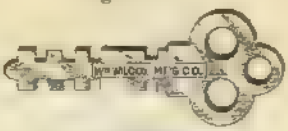
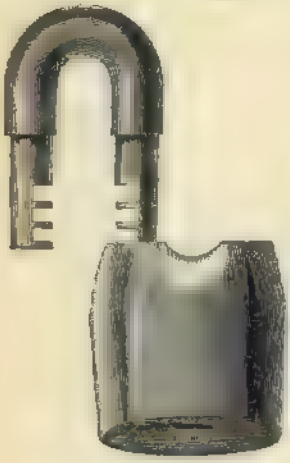
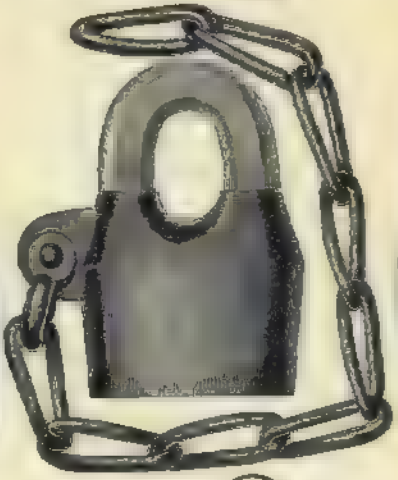
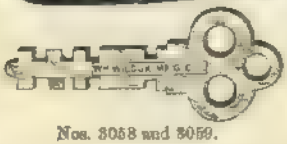


Fig. 2503.





Nos. 110 to 113.



Nos. 3058 and 3059.

Nos. 3055 to 3057

With Secured Shackle, Painted Red.

2 Malleable Iron Keys to each Lock.

No. 110,	1¾ inch,	Weight per dozen,	6 pounds,	per dozen,	$3 50
111,	2 "	" "	8 "	"	4 30
112,	2¼ "	" "	12 "	"	5 90
113,	2½ "	Extra heavy, Weight per dozen,	20 pounds,	"	8 00

With Secured Shackle, Black Enameled

Flat Steel Keys.

					1 Key.	2 Keys.
No. 3055,	1¾ inch,	Weight per dozen,	4½ pounds,	per dozen,	$2 75	$3 25
3056,	2 "	" "	7 "	"	3 25	3 75
3057,	2½ "	" "	10½ "	"	4 00	4 50

With Secured Shackle and Chain, Black Enameled.

Flat Steel Keys.

					1 Key.	2 Keys.
No. 3058,	2 inches,	Weight per dozen,	8½ pounds,	per dozen,	$4 45	$4 95
3059,	2½ "	" "	12 "	"	5 10	5 60

All One-half Dozen in a Box.

Padlocks.

STAR SCANDINAVIAN.

Fig. 2504.

Nos. 204 to 211

Fig. 2505.

No. 226½.

Fig. 2506.

Nos. 301 to 305

Iron, with Loose Shackles, Brown Japanned

2 Drilled Keys Each

No. 204,	1½ inch,	weight pr doz.	1⅝ lbs.,	pr doz.,	$5 50
205,	1¾ "	"	"	2¼ "	"	6 00
207,	1⅞ "	"	"	4¼ "	"	6 50
208,	1⅞ "	"	"	5½ "	"	7 00
209,	2 "	"	"	7 "	"	8 00
210,	2¼ "	"	"	11¼ "	"	11 00
211,	2½ "	"	"	16 "	"	13 00

Iron, with Loose Shackles and Chain. Brown Japanned

2 Drilled Keys Each.

No. 226½, 2 inches, weight pr doz. 8½ lbs. pr doz., $11 50

Brass, with Loose Shackles

2 Drilled Key Each.

No. 304,	1½ inch,	weight per doz.	2 lbs.,	per doz.,	$8 00
305,	1½ "	"	"	2½ "	"	8 75

CAST BRONZE METAL, SPRING SHACKLE.

Fig. 2507

No. 9.

Fig. 2508.

No. 1.

Fig. 2509.

No. 10.

6-Lever Cast Bronze Metal.

2 Flat Nickel plated Steel Keys Each.

No. 1,	2¼-inch Spring,	per dozen,	$12 00
9,	2¼-inch " Elongated Shackle, with Tinned Iron Chain,	"	15 00
10,	2¼-inch, Spring, with Tinned Iron Chain.	"	14 00

All Padlocks on this page, One-half Dozen in a Box.

Padlocks.

YALE & TOWNE MANUFACTURING CO'S "STANDARD."

Fig. 2511.

Nos. 813 to 863. Nos. 8043 to 8063. No. 8454

CAST BRONZE METAL, SPRING SHACKLE.

2 Nickel-plated Flat Steel Keys to each Lock.

No. 813,	1 inch,	3 Brass Tumblers,	54 Changes,	per dozen,	$12	00
823,	1¼ "	3 "	54 "	"	13	20
833,	1½ "	3 "	54 "	"	14	40
843,	1¾ "	4 "	82 "	"	15	60
853,	2 "	4 "	144 "	"	17	40
863,	2½ "	4 "	144 "	"	19	20

One-half Dozen in a Box.

CAST BRONZE METAL, SPRING SHACKLE.

With Galvanized Iron Chain.

2 Nickel-plated Flat Steel Keys to each Lock.

No. 8043,	1¾ inch,	4 Brass Tumblers,	82 Changes,	per dozen,	$21	00
8053,	2 "	4 "	144 "	"	23	40
8063,	2½ "	4 "	144 "	"	25	20

One-quarter Dozen in a Box.

RUSTLESS STEEL SHELL, SPRING SHACKLE.

All inside work of Bronze Metal.

2 Nickel-plated Flat Steel Keys to each Lock.

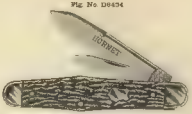
No. 8454, 2 inches, 4 Bronze Tumblers, 144 Changes, per dozen, $12 00

The Case of the Lock is a seamless Shell of Steel, made rustless by the Bower-Barff process. The Shackle is a Steel forging; the End Blocks, Bolt, Tumblers and all inside work are of Bronze Metal.

One-half Dozen in a Box.

POCKET KNIVES.

Fig No D6434



No. C8282 ST.

PER DOZEN.

No. C8282 ST Stag Handle, Brass Lined, $8.25

No. C8282 G—Gray Horn Handle, Brass Lined, 8.25

Fig No D6435

No. C4005 C.

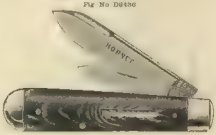
PER DOZEN.

No. C4005 C=Cocoa Handle, Brass Lined, $8.25

No. C4005 G=Gray Horn Handle, Brass Lined, 9.00

No. C4005 ST=Genuine Stag Handle, Brass Lined, 9.00

Fig No D6436



No. C4002 C.

PER DOZEN.

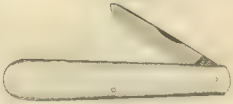
No. C4002 C—Cocoa Handle, Brass Lined, . $8.25

No. C4002 G=Gray Horn Handle, Brass Lined, 9.00

No. C4002/ST=Genuine Stag Handle, Brass Lined, 9.00

Cuts Two-thirds Size.

Fig No D6437



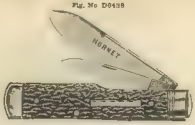
No. 8153.

PER DOZEN.

No. 8153—All Ivory Handle, Brass Lined, . $10.15

Cuts Two-thirds Size.

Fig No D6438



No. C4022/ST.

PER DOZEN.

No. C4022 ST=Stag Handle, German Silver Lined, $9.00

No. C4022 G Gray Horn Handle, German Silver Lined, ... 9.00

Fig No D6439

No. C4026 G.

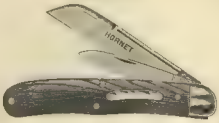
PER DOZEN.

No. C4026 G=Gray Horn Handle, Brass Lined, $ 9.00

No. C4026 ST=Genuine Stag Handle, Brass Lined, 9 00

No. C4026 P Pearl Handle, Brass Lined, . 15 75

Fig No D6440



No. C8285/C.

PER DOZEN.

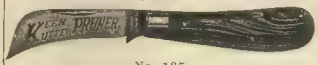
No. C8285 C=Cocoa Handle, Brass Lined, . $7.50

No. C8285 G=Gray Horn Handle, Brass Lined, 8.25

No. C8285 ST=Stag Handle, Brass Lined, . 8.25

Cuts Two-thirds Size.

Fig No. D6441



No. 135.

PER DOZEN

No. 135—Cocoa Handle, Iron Lined, $6 75

No. 136—Ebony Handle, Iron Lined, . 6 75

No. 137—Iron Handle, Iron Lined, . 6.00

Cut One-half Size.

One-half Dozen in a Box.

POCKET KNIVES.

Fig. No. D6486

No. 8228 ST. PER DOZEN.

No. 8228 ST Stag Handle, Brass Lined, . $ 6 75
No. 8228 G —Gray Horn Handle, Brass Lined, 6.75
No. 8228 P —Pearl Handle, Brass Lined, 11 25

Fig. No. D6487

No. C4018/C. PER DOZEN.

No. C4018 C Cocoa Handle, Brass Lined, $6 00
No. C4018 E Ebony Handle, Brass Lined, . 6 00
No. C4018 ST=Genuine Stag Handle, Brass Lined, 7.50

Fig No D6488

No. C4016/C. PER DOZEN

No. C4016/C —Cocoa Handle, Brass Lined, . $7.50
No. C4016 E Ebony Handle, Brass Lined, . 7.50
No. C4016 ST—Genuine Stag Handle, Brass Lined, 8.25

Fig No D6479

PER DOZEN.

No. C1979—Nickel Plated Handle, Full Crocus Finished Blades, ... $6.00

Fig. No D6490.

No. C4019/ST. PER DOZEN.

No. C4019/C =Cocoa Handle, Brass Lined, . $7.50
No. C4019/G —Gray Horn Handle, Brass Lined, 8.25
No. C4019/ST—Genuine Stag Handle, Brass Lined, 8.25

Fig No D6491

No. C4020/ST. PER DOZEN.

No. C4020 ST—Stag Handle, Brass Lined, . $6.75
No. C4020 G Gray Horn Handle, Brass Lined, 6.75
No. C4020 C —Cocoa Handle, Brass Lined, . 6.00

Fig No D6492

No. C4010/C. PER DOZEN.

No. C4010 C —Cocoa Handle, Brass Lined, . $8.25
No. C4010 G Gray Horn Handle, Brass Lined, 9.00
No. C4010/ST—Genuine Stag Handle, Brass Lined, 9.00

Fig No D6493

No. C4006/C. PER DOZEN.

No. C4006 C=Cocoa Handle, Brass Lined, . $7 50
No. C4006/E—Ebony Handle, Brass Lined, . 7.50
No. C4006 G—Gray Horn Handle, Brass Lined, 8 25

One-half Dozen in a Box.

Cuts Two-thirds Size.

POCKET KNIVES.

Fig. No. D6450

No. 77. PER DOZEN.

No. 77 -Ebony Handle, Brass Lined,	$6 75
No. 78 Stag Handle, Brass Lined, . .	6.75

Fig. No. D6451

No. 2471. PER DOZEN.

No. 2471 -Ebony Handle, Brass Lined, .	$9.00
No. 2470 Cocoa Handle, Brass Lined, .	9.00
No. 2473 Stag Handle, Brass Lined, .	9.00
No. 2472 Bone Handle, Brass Lined, .	9.00

Fig. No. D6452

No. 750. PER DOZEN.

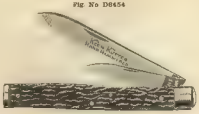
No. 750 Cocoa Handle, Brass Lined, .	$ 8.25
No. 751 Bone Handle, Brass Lined, .	9.00
No. 752 -Buff Handle, Brass Lined, .	9.00
No. 753 Stag Handle, Brass Lined,	9.00
No. 7511 Pearl Handle, Brass Lined, .	18 00

Fig. No. D6453

No. 754. PER DOZEN.

No. 754=Stag Handle, Brass Lined, . .	$9.00
No. 755=Buff Handle, Brass Lined, . .	9.00

Fig. No. D6454



No. 26003. PER DOZEN.

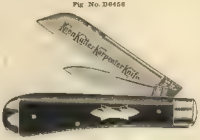
No. 26003=Stag Handle, Brass Lined, .	$10.50
No. 26001 Buff Handle, Brass Lined,	10 15
No. 26004=Pearl Handle, Brass Lined,	15.75

Fig. No. D6455

No. 22203. PER DOZEN.

No. 22203 Stag Handle, Brass Lined, .	$ 9 00
No. 22204 Pearl Handle, Brass Lined,	15 75

Fig. No. D6456



No. 761. PER DOZEN.

No. 761=Ebony Handle, Brass Lined, .	$8.25
No. 762=Ebony Handle, Brass Lined, 2 Large Blades, ...	9.00

Fig. No. D6457

No. 1201. PER DOZEN.

No. 1201=Stag Handle, Brass Lined, .	$10 50
No. 1200 -Ebony Handle, Brass Lined,	9 00
No. 1203 -Pearl Handle, Brass Lined,	18 00

One-half Dozen in a Box.

Cuts Two-thirds Size.

POCKET KNIVES.

Fig. No. D6443

No. 7W PER DOZEN

No. 7W—Black Buff Handle, Brass Lined,	$6 75
No. 200—Pearl Handle, Brass Lined,	12 00

Fig. No. D6445

No. 218. PER DOZEN

No. 218—Stag Handle, Brass Lined,	$6 00
No. 216—Ebony Handle, Brass Lined,	5 65
No. 215—Cocoa Handle, Brass Lined,	5 65

Fig. No. D6444

No. 2850 PER DOZEN.

No. 2850—Cocoa Handle, Brass Lined,	$6 75
No. 2851—Ebony Handle, Brass Lined,	6 75
No. 2853—Stag Handle, Brass Lined,	7 50

Fig. No. D6446

No. 2166. PER DOZEN.

No. 2166—Ebony Handle, Iron Lined,	$6.00
No. 2165—Cocoa Handle, Iron Lined,	6.00

Fig. No. D6442

No. 2443 PER DOZEN

No. 2443—Stag Handle, Brass Lined,	$7 50
No. 2441—Ebony Handle, Brass Lined,	7 50
No. 2440—Cocoa Handle, Brass Lined,	7 50

Fig. No. D6447

No. 2375. PER DOZEN

No. 2375—Cocoa Handle, Iron Lined,	$6 75
No. 2376—Ebony Handle, Iron Lined,	6 75
No. 2378—Stag Handle, Iron Lined,	7 50

Fig. No. D6448

No. 2460. PER DOZEN

No. 2460—Cocoa Handle, Iron Lined,	$6 00
No. 2461—Ebony Handle, Iron Lined,	5.65
No. 2463—Stag Handle, Iron Lined,	6 00

Fig. No. D6449

No. 7224. PER DOZEN

No. 7224—Cocoa Handle, Iron Lined, Extra Heavy,	$8 25
No. 7223—Stag Handle, Iron Lined, Extra Heavy,	9 00

One-half Dozen in a Box.

Cuts Two-thirds Size.

POCKET KNIVES.

Fig No D6480

No. 2001.

	PER DOZEN.
No. 2001=Buff Handle, Brass Lined,	$11 25
No. 2002=Ivory Handle, Brass Lined,	13 50
No. 2003=Stag Handle, Brass Lined,	12 00
No. 2009=Pearl Handle, Brass Lined,	20 25

Fig No D6497

No. 0247.

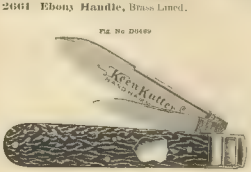
	PER DOZEN.
No. 0247=Stag Handle, Brass Lined,	$ 9.00
No. 0248=Stag Handle, Iron Lined, Size Larger,	11.25
No. 0246=Ebony Handle, Iron Lined, Size Larger,	10.50

Fig No D6468

No. 2663.

	PER DOZEN.
No. 2663 Stag Handle, Brass Lined,	$11 25
No. 2661 Ebony Handle, Brass Lined,	9 50

Fig No D6469



No. 2483.

	PER DOZEN.
No. 2483=Stag Handle, Brass Lined,	$11 25
No. 1260 Stag Handle, Brass Lined, with Cap,	13 50

Fig No D6470

No. 3676.

	PER DOZEN.
No. 3676=Ebony Handle, Brass Lined,	$13 50
No. 3578=Stag Handle, Iron Lined,	13 50

Fig No D6471

No. 8262.

	PER DOZEN.
No. 8262=Stag Handle, Brass Lined,	$13.50
No. 8263 Pearl Handle, Brass Lined,	22 50
No. 8464 Ivory Handle, Brass Lined, Etched Handle,	20.25

Fig No D6472

No 4426.

	PER DOZEN.
No. 4426 Buff Handle, German Silver Lined,	$18.00
No. 4427 Stag Handle, German Silver Lined	18.00
No. 4429 Pearl Handle, German Silver Lined,	2[illegible] 00

Fig No D6473

No. 2673.

	PER DOZEN.
No. 2673=Stag Handle, Brass Lined	$11 25
No. 2673¾ Stag Handle, Brass Lined, Clip Blade,	11 25

One-half Dozen in a Box.

Cuts Two-thirds Size.

SIMMONS HARDWARE CO. COMPANY

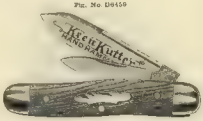
POCKET KNIVES.

Fig. No. D6436.

No. 2867.

	PER DOZEN.
No. 2867 Stag Handle, Brass Lined,	$9.00
No. 2866=Ebony Handle, Brass Lined,	8.25
No. 2865 Cocoa Handle, Brass Lined,	8.25

Fig. No. D6459



No. 2625.

	PER DOZEN.
No. 2625 Cocoa Handle, Brass Lined,	$9.00
No. 2626 Ebony Handle, Brass Lined,	9.00
No. 2628 Stag Handle, Brass Lined,	9.75

Fig. No. D6460

No. 2611.

	PER DOZEN.
No. 2611 Ebony Handle, Brass Lined,	$9.00
No. 2610 Cocoa Handle, Brass Lined,	9.00
No. 2613 Stag Handle, Brass Lined,	9.00

Fig. No. D6461

No. 1210.

	PER DOZEN.
No. 1210 Stag Handle, Iron Lined,	$9.00
No. 1211 Ebony Handle, Iron Lined,	9.00
No. 1212 Bone Handle, Iron Lined,	9.00

Fig. No. D6462

No. 2531½.

	PER DOZEN.
No. 2533 Stag Handle, Brass Lined,	$9.00
No. 2531½ Ebony Handle, Brass Lined,	8.25
No. 2530½ Cocoa Handle, Brass Lined,	8.25

Fig. No. D6463

No. 2551.

	PER DOZEN.
No. 2551—Ebony Handle, Brass Lined, Saber Blade,	$9.00
No. 2550 Cocoa Handle, Brass Lined, Saber Blade,	9.00
No. 2553 Stag Handle, Brass Lined, Saber Blade,	9.00

Fig. No. D6464

No. 0271.

	PER DOZEN.
No. 0271—Ebony Handle, Brass Lined,	$8.25
No. 0270=Cocoa Handle, Brass Lined,	8.25
No. 0273—Stag Handle, Brass Lined,	9.00

Fig. No. D6465

No. 726C.

	PER DOZEN.
No. 726C =Cocoa Handle, Brass Lined,	$9.00
No. 726 —Ebony Handle, Brass Lined,	9.00
No. 728 =Stag Handle, Brass Lined,	9.75

One-half Dozen in a Box.

Cuts Two-thirds Size.

POCKET KNIVES.

Fig. No. D6460.

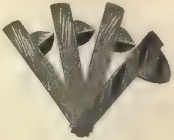
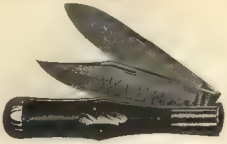


Fig. No. D8461



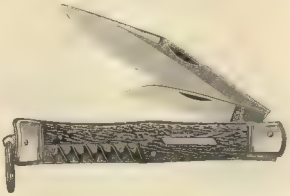
Fleams.

	PER DOZEN.
No. 829—Brass Case, **3 Blades,**	$4.50
No. 828—Brass Case, **2 Blades,**	3.75

No. 295¾.

	PER DOZEN.
No. 295¾—Ebony Handle, Brass Lined,	$22.50
No. 1196¾—Ebony Handle, Iron Lined, 1 Blade,	11.25

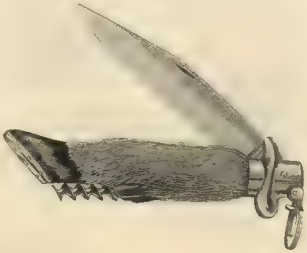
Fig. No. D8462



No. 7566½.

	PER DOZEN.
No. 7566½—**Stag Handle,** Brass Lined, Lock Back, **Clip Blade,**	$31.50
No. 7566—**Stag Handle,** Brass Lined, Lock Back, **Spear Blade,**	31.50
No. 7562—**Stag Handle,** Brass Lined, Lock Back, **Spear Blade,** Size Smaller than No. 7566,	22.50
No. 7555—**Gray Horn Handle,** Brass Lined, Lock Back, **Spear Blade,** Size Smaller than No. 7566,	22.50

Fig. No. D8463



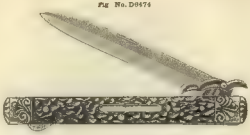
	PER DOZEN.
No. 0023½—**Deer Foot Handle,** Brass Lined, Lock Back,	$24.75

One-half Dozen in a Box.

Cuts Two-thirds Size.

POCKET KNIVES.

Fig. No. D6474



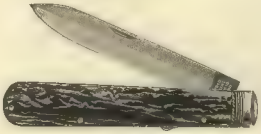
No. 8440

PER DOZEN.

No. 8440 Stag Handle, Brass Lined, Lock Back, $12.00

No. 8439 Gray Horn Handle, Brass Lined, Lock Back, ... 12.00

Fig. No. D6475



No. 119.

PER DOZEN.

No. 119—Stag Handle, Iron Lined, Lock Back, $8.25

No. 120—Gray Horn Handle, Iron Lined, Lock Back, 8.25

Fig. No. D6476

No. 156¾.

PER DOZEN.

No. 156¾=Buff Handle, Brass Lined, Lock Back, $11.25

No. 1058¾=Stag Handle, Brass Lined, Lock Back, 12.00

Cuts Two-thirds Size.

Fig. No. D6477.

No. 3498.

PER DOZEN.

No. 3498 Stag Handle, Brass Lined, Lock Back, $24.75

No. 3499=Pearl Handle, Brass Lined, Lock Back, 31.50

Cut Two-thirds Size.

Fig. No. D6478

No. 830.

PER DOZEN.

No. 830—Stag Handle, Iron Lined, . . $13.50

No. K5021=Stag Handle, Iron Lined, Smaller than 830, ... 12.00

No. 5200=Stag Handle, Iron Lined, Same Size as 830, but Cheaper Quality, . . 9.00

Cut One-half Size.

ERASERS.

Fig. No. D6479

No. 11699.

Rodgers' Erasers.

PER DOZEN.

No. 11699 Ivory Handle, . . $11.55

No. 11698 —Bone Handle, . . . 7.10

No. 11688 -Bone Handle, . 6.50

No. 11697 —Cocoa Handle, . . 6.50

No. 11687 —Cocoa Handle, . . . 6.00

No. 18149/C —Cocoa Handle, 1 Straight Knife Edge 8.10

No. 18149/R —Rubber Handle, 1 Straight Knife Edge, 8.10

No. 18149 W -Bone Handle, 1 Straight Knife Edge, 10.40

One Dozen in a Package.

Cut Two-thirds Size.

One-half Dozen in a Box.

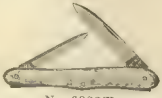
POCKET KNIVES.

Fig. No. D6484

No. 6864/I.

	PER DOZEN.
No. 6864/I = Ivory Handle, German Silver Lined,	$6.00
No. 6864/S = Shell Handle, German Silver Lined,	8.25
No. 6864/P = Pearl Handle, German Silver Lined,	8.25

Fig. No. D6496



No. 6883/P.

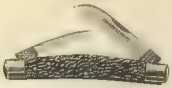
	PER DOZEN.
No. 6883/P = Pearl Handle, Brass Lined,	$9.00
No. 6883/S = Shell Handle, Brass Lined,	9.00
No. 6883/I = Ivory Handle, Brass Lined,	6.00

Fig. No. D6496

No. 8084/P.

	PER DOZEN.
No. 8084/P = Pearl Handle, Brass Lined,	$10.50
No. 8084/S = Shell Handle, Brass Lined,	10.50

Fig. No. D6497



No. 8175/ST.

	PER DOZEN.
No. 8175/ST = Stag Handle, Brass Lined,	$9.25
No. 8175/P = Pearl Handle, Brass Lined,	9.00

Fig. No. D6488

	PER DOZEN.
No. 710 = Pearl Handle, Brass Lined,	$9.00

Fig. No. D6409

No. 6884/I.

	PER DOZEN.
No. 6884/I = Ivory Handle, Brass Lined,	$5.25
No. 6884/P = Pearl Handle, Brass Lined,	9.00

Fig. No. D6530

No. 257/P.

	PER DOZEN.
No. 257/P = Pearl Handle, Brass Lined,	$11.25
No. 257/S = Shell Handle, Brass Lined,	11.25
No. 257/I = Ivory Handle, Brass Lined,	6.75

Fig. No. D6401

	PER DOZEN.
No. 8328 = Pearl Handle, Brass Lined,	$11.25

Fig. No. D6502

No. 0498.

	PER DOZEN.
No. 0498 = Stag Handle, Brass Lined,	$ 6.75
No. 0496 = Ivory Handle, Brass Lined,	6.75
No. 0499 = Pearl Handle, Brass Lined,	11.25

Fig. No. D6503

	PER DOZEN.
No. 711 = Pearl Handle, Brass Lined,	$10.15

One-half Dozen in a Box.

Cuts Two-thirds Size.

SIMMONS HARDWARE COMPANY

POCKET KNIVES.

Fig. No. D6484

No. 2729.

	PER DOZEN.
No. 2729—Bone Handle, Brass Lined,	$1.90
No. 404 —Pearl Handle, Brass Lined,	2.25

Fig. No. D6485

	PER DOZEN.
No. 2503—Pearl Handle, Brass Lined,	$5 25

Fig. No. D6486

No. 7159/I.

	PER DOZEN.
No. 7159/I—Ivory Handle, Brass Lined,	$4.50
No. 7159/P—Pearl Handle, Brass Lined,	6.00

Fig. No. D6487

No. 8084/I.

	PER DOZEN.
No. 8084/I =Ivory Handle, Brass Lined,	$4.50
No. 8084/P -Pearl Handle, Brass Lined,	6.75

Fig. No. D6488

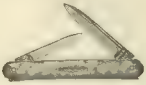
No. 8057/P.

	PER DOZEN.
No. 8057/P=Pearl Handle, Brass Lined,	$6.00
No. 8057/S Shell Handle, Brass Lined,	6.00

Fig. No. D6489

	PER DOZEN.
No. 2204 Pearl Handle, Brass Lined,	$3 00

Fig. No. D6490



	PER DOZEN.
No. 270—Pearl Handle, Brass Lined,	$6.00

Fig. No. D6491

	PER DOZEN.
No. 2292—Pearl Handle, Brass Lined,	$3 00

Fig. No. D6492.

No. 6952/I.

	PER DOZEN
No. 6952 I =Ivory Handle, Brass Lined,	$6.00
No. 6952/S=Shell Handle, Brass Lined,	8.25
No. 6952/P=Pearl Handle, Brass Lined,	8 25

Fig. No. D6493

	PER DOZEN.
No. 631—Ivory Handle, Brass Lined,	$6.00

One-half Dozen in a Box.

Cuts Two-thirds Size.

POCKET KNIVES.

Fig. No. D8512

No. 8192/P.

	PER DOZEN
No. 8192/P -Pearl Handle, Brass Lined,	$12 00
No. 8192/S – Shell Handle, Brass Lined,	12.00

Fig. No. D6513

No. 8223/I.

	PER DOZEN.
No. 8223/I –Ivory Handle, Brass Lined,	$ 9.00
No. 8223/P=Pearl Handle, Brass Lined,	18.00

Fig. No. D6514

No. 8109.

	PER DOZEN.
No. 8109=Pearl Handle, Brass Lined, **2 Blades,**	$18.00
No. 8060=Pearl Handle, Brass Lined, **3 Blades,**	20.25

Fig. No. D6515

No. 02336.

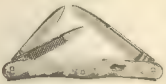
	PER DOZEN
No. 02336=Stag Handle, German Silver Lined,	$12.00
No. 02337–Ivory Handle, German Silver Lined,	12 00
No. 02339 Pearl Handle, German Silver Lined,	18 00

Fig. No. D8519

No. 8357/G.

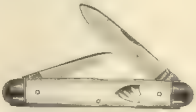
	PER DOZEN.
No. 8357/G =Gray Horn Handle, Brass Lined,	$ 8.25
No. 8357/W Bone Handle, Brass Lined,	8.25
No. 8357/ST–Stag Handle, Brass Lined,	8.25
No. 8357/P –Pearl Handle, Brass Lined,	10.50

Fig. No. D6517.



	PER DOZEN.
No. 8190=Pearl Handle, German Silver Lined,	$13.50

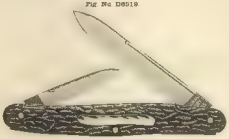
Fig. No. D6516



No. 8065/I.

	PER DOZEN.
No. 8065/I =Ivory Handle, Brass Lined,	$ 7 50
No. 8065/G Gray Horn Handle, Brass Lined,	7.50
No. 8065/ST=Stag Handle, Brass Lined,	7.50
No. 8065/P =Pearl Handle, Brass Lined,	11 25

Fig. No. D8519



No. 12683.

	PER DOZEN.
No. 12683 —Stag Handle, Brass Lined,	$5 60
No. 12683/G—Gray Horn Handle, Brass Lined,	5.60

One-half Dozen in a Box.

Cuts Two-thirds Size.

POCKET KNIVES.

Fig No D8504

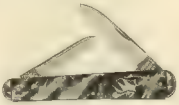
No. 7011/P. PER DOZEN.

No. 7011/P =Pearl Handle, Brass Lined, . $11.25

No. 7011 ST Stag Handle, Brass Lined, . 5.60

No. 7011 G =Gray Horn Handle, Brass Lined, 5.60

Fig No D8506



No. 8124/S. PER DOZEN.

No. 8124/S =Shell Handle, Brass Lined, . $12.00

No. 8124 P=Pearl Handle, Brass Lined, 12 00

Fig No D8508

No. 8139/I. PER DOZEN.

No. 8139/I =Ivory Handle, Brass Lined, . $ 7.50

No. 8139 ST Stag Handle, Brass Lined, . 7.50

No. 8139 G =Gray Horn Handle, Brass Lined, 7 50

No. 8139/P =Pearl Handle, Brass Lined, 11.25

Fig No D8507.

No. 0280. PER DOZEN.

No. 0280 Ivory Handle, Brass Lined, . $6.75

No. 0281 =Stag Handle, Brass Lined, 6.75

Fig No D8505

No. 8247/P. PER DOZEN.

No. 8247/P= Pearl Handle, German Silver Lined, $12.00

No. 8247/I =Ivory Handle, German Silver Lined, 9.00

Fig No D8509

No. 8215/I. PER DOZEN

No. 8215 I =Ivory Handle, Brass Lined, . $ 9.00

No. 8215/P=Pearl Handle, Brass Lined, 15 75

Fig No D8510.

No. 6793. PER DOZEN.

No. 6793 Ivory Handle, Brass Lined, **1 Blade,** $7.10

No. 6871=Ivory Handle, Brass Lined, **2 Blades,** 9.00

Fig No D8511

No. 0280 T. PER DOZEN

No. 0280/T=Ivory Handle, Brass Lined, . $9 00

No. 0281 T=Stag Handle, Brass Lined, 9.00

One-half Dozen in a Box.

Cuts Two-thirds Size.

Tinners' Machines.

DOUBLE SEAMING.

Fig 6442 Stow's Patent

With Setting-Down Attachment

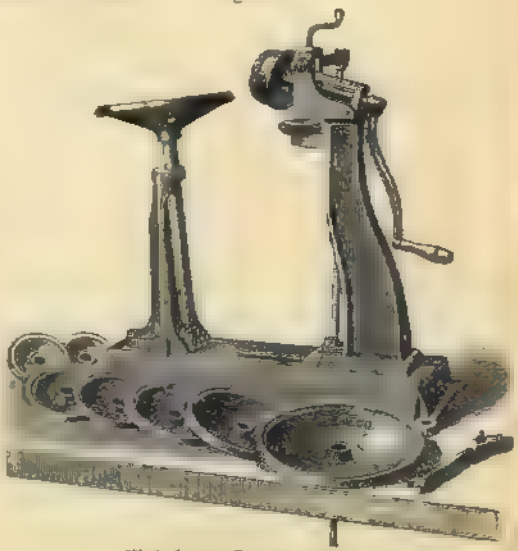
With Eleven Discs

No. 5, Stow's Patent Double Seaming, with Setting-Down Attachment, - - each, $28 00
10, Stow's Patent Double Seaming, without Setting-Down Attachment, - - each, 24 00

Extra Discs for Nos. 5 or 10. - each, $1 25

One Machine in a Box.

Olmsted's Patent Fig 6443



With Setting-Down Attachment.

With Eight Discs

No. 1, Olmsted's Patent Double Seaming, with Setting-Down Attachment, - - each, $30 00
2, Olmsted's Patent Double Seaming, without Setting-Down Attachment, - each, 25 00

Extra Discs for Nos. 1 or 2, each, $2 00

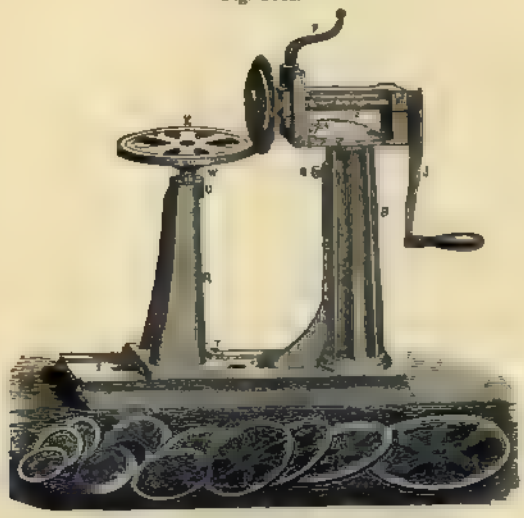
One Machine in a Box

Tinners' Machines.

DOUBLE SEAMING.

Hulbert's Patent.

Fig. 6444.



No. 1, Hulbert's Patent Double Seaming, with Deflector, with 10 Discs and 4 Faces,	each,	$30 00
2, " " " without " " 10 " 4 "	"	25 00
Extra Discs for Nos. 1 or 2,	"	2 00

One Machine in a Box

GUTTER BEADERS

Stow's Patent.

Fig. 6445.

Stow's Improved

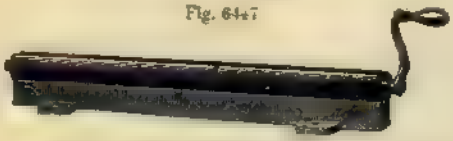
Fig. 6446

No. 1, 20 in., C. S. Rod ⅜ to ½ in. Diam.,	each,	$5 50	No. 10, 20-inch, Cast Steel Rod.	each,	$5 50
2, 15 " " ⅜ to ½ " "	"	4 50	20, 15 " " "	"	4 50

In ordering, state size of Rod wanted. One Machine in a Box.

Iron Bottom.

Fig. 6447



Gutter Beader Rods

Fig. 6448

No. 11, 20-in., C. S. Rod ⅜ to ½ in. Diam.,	each,	$4 00	No. 11, 20 in. long, ⅜ to ½ in. Diam., C. S.,	each,	$2 00
12, 15 " " ⅜ to ½ " "	"	3 50	12, 15 " ⅜ to ½ " "	"	1 75

Tinners' Machines.

SHEET IRON FOLDERS.

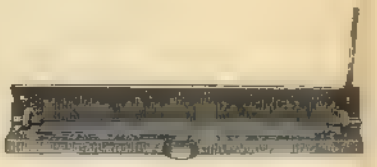
Wood Bottom.

Fig. 6449.

No. 1.

Iron Bottom.

Fig 6450.



No. 2

No. 1, 30 inches, Wood Bottom, Sheet Iron Folder, - - - each, $10 00
2, 30 " Iron " " " - - - " 7 00

Wright's Patent.

Fig 6451

No. 1.

Wright's Improved.

Fig. 6452.

No. 12.

No. 1, 30 inches, Wright's Patent Sheet Iron Folder, - - - each, $12 00
12, 30 " " Improved " " - - - " 16 00

No. 12, Wright's Improved Sheet Iron Folder, will turn Locks of different widths on any length of sheet.

Tinners' Machines.

TIN FOLDERS

Stow's Patent Adjustable

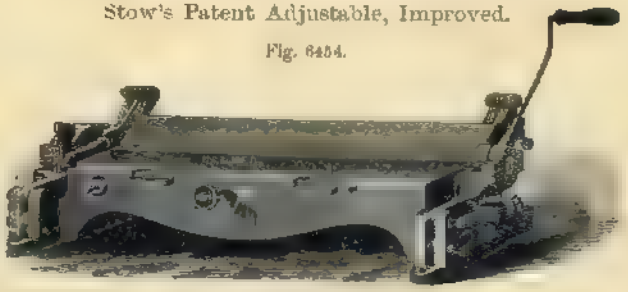
Fig. 6453.

No. 52, 20 inches, Bar Tin Folder, will turn Locks from $\frac{3}{16}$ to $\frac{1}{2}$ inch, - - each, $20 00
54, 30 " " " " " $\frac{3}{16}$ to 1 " - - - - " 40 00

One Machine in a Box

Stow's Patent Adjustable, Improved.

Fig. 6454.



No. 152, 30 inches, Bar Tin Folder, will turn Locks from $\frac{3}{16}$ to 1 inch, - - each, $30 00

One Machine in a Box

WIRE CUTTER AND BAIL FORMER

Van Brauner's Patent.

Fig. 6455

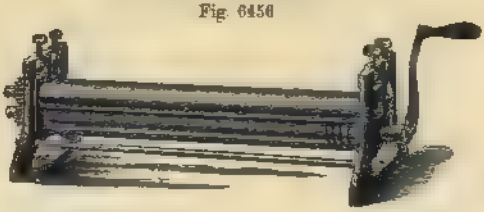
Van Brauner's Patent Wire Cutter and Bail Former, - - - - - each, $10 00

One Machine in a Box

Tinners' Machines.

PIPE FORMERS.

Fig. 6456

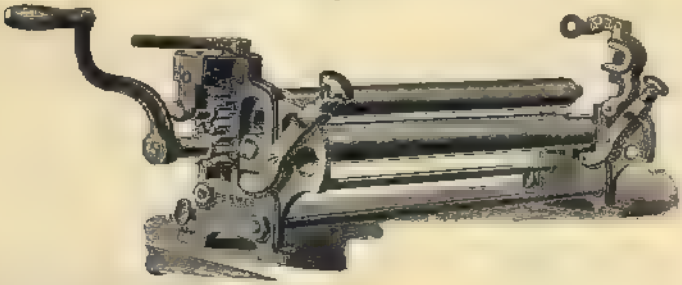


No. 1,	Stove Pipe Former,	2 -inch Rolls.	30 inches long,			each,	$19	00
2,	" " "	1¾ "	30 " "			"	18	00
1,	Tin " "	1½ "	20 " "			"	10	00
2,	" " "	1¼ "	16 " "			"	9	00
5,	" " "	1 "	12 " "			"	12	00

One Machine in a Box.

SLIP ROLL PIPE FORMERS.

Fig. 6457.

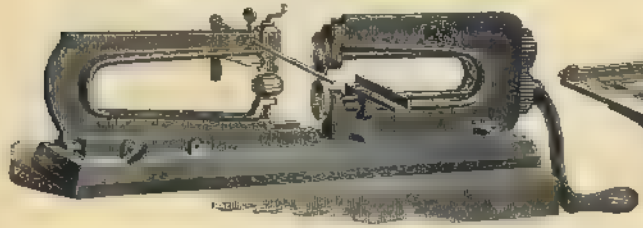


No. 100,	Stove Pipe Former,	2 -inch Rolls.	30 inches long,			each,	$24	00
300,	" " "	1¾ "	30 " "			"	22	00
101,	Tin " "	1½ "	20 " "			"	13	00
102,	" " "	1¼ "	16 " "			"	12	00

One Machine in a Box.

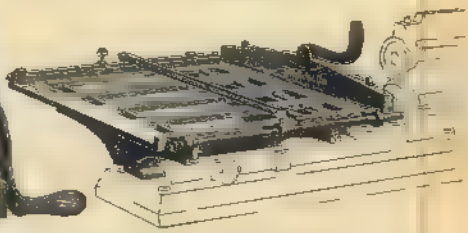
WAUGH'S PATENT BEVEL, SQUARE AND CIRCULAR SHEARS.

Fig. 6458



Circular Shears.

Fig. 6459.



Squaring Attachment.

This Shear will cut any Square or Bevel under 20 inches, and can be changed instantly to cut Circles. The Cutters are always set ready for use and are kept sharp by their own friction. Will cut XXXX Tin easily. Each Machine includes a Rim Gauge for cutting Rims or Cover Hoops, Bevel or Straight.

No. 1,	Waugh's Circular Shear,	cuts 14-inch Circles,				each,	$33	00
1,	" " "	" 14 " "	with Squaring Attachment,			"	43	00

One Machine in a Box.

Tinners' Tools.

WROUGHT AND CAST IRON STAKES, WITH STEEL FACES.

Tea Kettle.
Fig. 6482.

Double Seaming
Fig. 6483.

Tea Kettle Stake, with 4 Steel Heads,	each,	$15 75
Extra Steel Heads for Tea Kettle Stake,	"	1 75
Double Seaming Stake, with 4 Heads,	"	9 00
Extra Heads for Double Seaming Stake,	"	1 50

IMPROVED WOOD ROOFING FOLDER.

Fig. 6484.

ROOFING DOUBLE SEAMERS.

Fig. 6485.

Improved Wood Roofing Folder, 3[illegible] inches, without Gauge,	each,	$3 50
" " " 30 " with "	"	5 00
Roofing Double Seamers, ½, ¾, 1, 1¼ and 1½ inches,	per set of 2 pairs,	1 75

Burritt's Roofing Double Seamers.

Fig. 6486.

Burritt's Cross Lock Seamer.

Fig. 6487.

Burritt's Roofing Double Seamers, for Tin Roofing,	per set of 2 pairs,	$30 00
Common Gauge adapted to 1 x 1¼ inch Tongs.		
Wide " " 1½ x 1½ " "		

Burritt's Cross Lock Seamer, 24 inches,	each,	$44 00
" " " 28 "	"	52 00

For fastening together Tin Strips for Roofing, and forming the Roll ready to lay on the roof.

Tinners' Tools.

Common Roofing Tongs.
Fig. 6488.

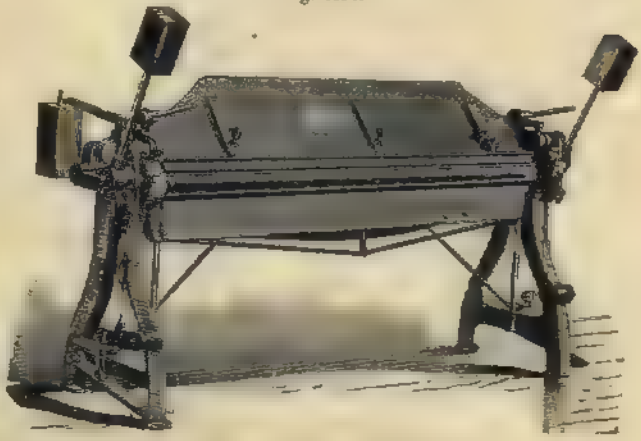
Improved Roofing Tongs.
Fig. 6489.

Gutter Tongs.
Fig. 6490.

Common Roofing Tongs, Steel, ½, ¾, 1, 1¼, 1½ or 1¾ inches, - -	per set of 2 pairs,	$6 00
Improved " " " 5 sizes, ½ to 1¾ inches, - -	per pair,	4 60
Gutter Tongs, - - - - - - -	"	5 00

FOUR-LEAF CORNICE BRAKE.

Fig. 6491.



No. 36,	Four-Leaf	Cornice	Brake,	Clamp	37½	inches,	Weight	650	pounds,	each,	$ 70 00
42,	"	"	"	"	43	"	"	780	"	"	90 00
56,	"	"	"	"	58	"	"	1250	"	"	115 00
72,	"	"	"	"	74	"	"	2300	"	"	175 00
96,	"	"	"	"	98	"	"	3800	"	"	275 00

Tinners' Tools.

SQUARE PAN TURNER

Fig. 6492.

CULLENDER SWEDGE.

Fig. 6493.

No. 1, 20 inches, Steel, Square Pan Turner, each, $2 50
2, 15 " " " " " 2 00 | Cullender Swedge, - - - each, $4 75

SQUARE PAN SWEDGE.

Fig. 6494.

CREASING SWEDGE.

Fig. 6495.

Square Pan Swedge, each, $5 00 Creasing Swedge, - - each, $5 25

BENCH PLATES.

Fig. 6496.

Nos. 0 to 2.

Fig. 6497.

No. 3.

No. 0, 48x12 inches, Bench Plate, Cast Iron, Polished, - - - - - each, $9 00
1, 37x 8 " " " " " - - - - - " 5 00
2, 30x 8 " " " " " - - - - - " 3 00
3, 9x 9 " " " " " with Revolving Center, by means of which different tools may be used in the same position, - - - - " 3 50

Tinners' Tools.

RAISING HAMMERS

Fig. 6498.

No. 4.

Fig. 6499.

No. 2.

Fig. 6500.

No. 1.

PLANISHING HAMMERS.

Fig. 6501

No. 1, 2¼-inch Face, Raising Hammer, Cast Steel, Extra Fine Polished Face, without Handle.	each,	$2 25
2, 2¼ " " " " " " " " " " "	"	1 75
3, 1¾ " " " " " " " " " " "	"	1 25
4, 1⅜ " " " " " " " " " " "	"	75
Handles only for Raising Hammers, all sizes,	per dozen,	1 25
Planishing Hammers, Assorted Sizes and Weights,	per pound,	1 00

One Hammer in a Package.

RIVETING HAMMERS.

Fig. 6502.

No. 0, 1½-inch Face, Riveting Hammer, Cast Steel, Full Polished, with Handle.	each,	$1 30
1, 1¼ " " " " " " " " " " "	"	82
2, 1 " " " " " " " " " " "	"	70
3, ⅞ " " " " " " " " " " "	"	57
4, ¾ " " " " " " " " " " "	"	45
5, ⅝ " " " " " " " " " " "	"	40

One-half Dozen in a Package.

SETTING HAMMERS.

Fig. 6503.

No. 1, 1¼-inch Face, Setting Hammer, Cast Steel, Full Polished, with Handle,	each,	$0 82
2, 1 " " " " " " " " " " "	"	70
3, ⅞ " " " " " " " " " " "	"	57
4, ¾ " " " " " " " " " " "	"	45
5, ⅝ " " " " " " " " " " "	"	40

One-half Dozen in a Package.

Tinners' Tools.

BENCH SHEARS

Fig. 6504

	Nos.	00	0	1	2	3	4	5	6	Elbow
Length of Cut,	Inches,	12	10½	9	8½	8¼	8	7	6	4½
	Each,	$13 50	12 00	8 00	7 00	6 00	5 00	4 00	3 50	5 25

HAND SHEARS OR SNIPS.

Fig. 6505.

	Nos.	6½	7	8	9	10
Length of Cut	Inches,	4½	4	3½	3	2½
	Each,	$3 00	2 50	2 00	1 50	[illegible]

CIRCULAR HAND SHEARS.

Fig. 6506

	Nos.	7	8	9	10
Length of Cut	Inches	4	3½	3	2½
	Each,	$3 50	3 00	2 50	2 25

DOUBLE CUTTING HAND SHEARS.

Fig. 6507.

Fig. 6508.

No. 1, Small, for Tin, - each, $2 25 | No. 2, Medium, for Tin and Iron, - each, $3 00

These Shears are designed especially for cutting any kind of metal cylinders. The method of cutting, as shown in illustrations, avoids waste, and leaves the edges and corners perfectly smooth.

HAND GROOVERS.

Fig. 6509

RIVET SETS AND HEADERS.

Fig. 6510.

Hand Grooves.

	Nos.	00	0	1	2	3	4	5	6	7	8
Cast Steel,	Each,	$0 75	0 75	0 63	0 63	0 50	0 50	0 37	0 37	0 25	0 25

Rivet Sets and Headers.

	Nos.	00	0	1	2	3	4	5	6	7	8
For Iron Rivets,	Lbs. to M.	14	10 & 12	8	6	4 & 5	2½ & 3	1¾ & 2	1½	1¼	10 & 12 oz
" Copper "	Nos.	4	5	6	7	8	9	10 & 11	12	13	14
Cast Steel,	Each,	$0 75	0 75	0 63	0 63	0 50	0 50	0 37	0 37	0 32	0 32

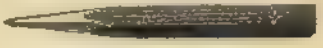
Tinners' Tools.

SOLID PUNCHES.

Fig. 6511

PRICK PUNCHES.

Fig. 6512.



Solid Punches, Nos. 0, 1, 2, 3, 4, 5, 6, 7 and 8, - - - - - each, $0 12
" Prick - - - - - - - - - - " 12
Set of Solid Punches, containing 1 inch Nos. 1, 2, 3 and Prick Punches, ¾ inch Wire Chisel and Lantern Chisel, - - - - - - - per set, 72

HOLLOW PUNCHES.

Fig. 6513

Hollow Punches, Cast Shank, ⅜, ½, ⅝, ¾, ⅞, 1, 1¼, 1½, 1¾, 2, 2¼, 2½, 2¾ and 3 inches, - - per inch, $1 00

LANTERN CHISEL.

Fig. 6514

WIRE CHISEL.

Fig. 6515

Lantern Chisels, Cast Steel, - - - - - - - - each, $0 12

Wire Chisels.

	Inches,	¼	⅜	½	⅝	¾	⅞	1	1⅛	1¼	1⅜	1½	1¾	2
Cast Steel,	Each,	$0 08	0 09	0 10	0 11	0 12	0 13	0 14	0 15	0 17	0 19	0 20	0 24	0 29

SOLDERING COPPERS.

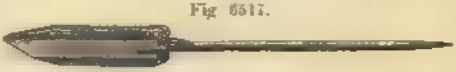
Pointed or Common Pattern.

Fig. 6516.

Nos. 1 and 2.

Flat or Bottoming Pattern.

Fig. 6517.



No. 3.

No. 1. ~~XLCR~~ Pointed Pattern, Pounds per pair 1, 2, 3, 4, 5, 6, 7, 8 and 10 - per pound, $
2. Common, " " " " 1, 2, 3, 4, 5, 6 and 8, - "
3. ~~XLCR~~ Flat " " " 2, 3, 4, 5 and 6, - "

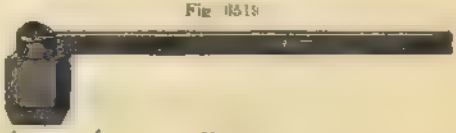
Roofing Pattern.

Fig. 6518

No. 4.

Hatchet Pattern.

Fig. 6519



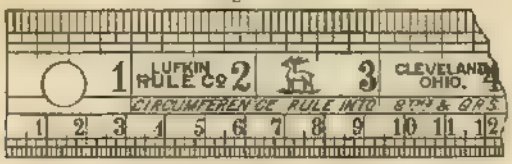
No. 5.

No. 4. ~~XLCR~~ Roofing Pattern, Pounds per pair 6, 7, 8 and 10 - per pound, $
5. ~~XLCR~~ Hatchet " " 6 and 8, "

Tinners' Tools.

CIRCUMFERENCE RULE.

Fig. 6520



The Tinners' Circumference Rule is a useful tool for obtaining the circumference of a circle by simply measuring its diameter. As shown in cut, its top edge is graduated to 16ths of an inch; the bottom edge with so called Circumference inches into 8ths. By measuring the diameter of a circle, with the edge graduated to circumference inches, the exact circumference of the circle is shown to ¼ inch.

The opposite side of the Rule has tables of measurement as follows:

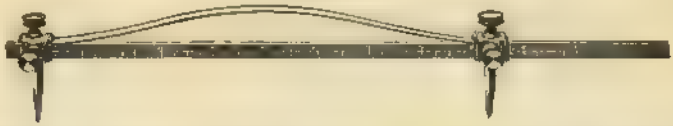
Liquid Measure, Flaring, ¼ pint to 5 gallons.

Dry Measure, Flaring, ½ bushel to 2 bushels	Dry Measure, Straight, 1 quart to 3 bushels.
Cans, Pitchel Top, 1 gallon to 10 gallons.	Cans, Flat Top, 1 gallon to 200 gallons.

No. 95-3,	3	feet long,	1¼	inches wide,	No. 16	Gauge.	Plain Polished,	Graduated as above,					each,	$2 50
95-4,	4	"	1¼	"	"	16	"	"	"	"	"	"	"	3 00
95½-3,	3	"	1¼	"	"	16	"	Nickel plated,	"	"	"	"	"	3 00
95½-4,	4	"	1¼	"	"	16	"	"	"	"	"	"	"	3 50

MAGIC PATTERN RULE

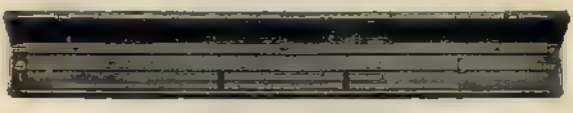
Fig. 6521



The Magic Pattern Rule consists of a Nickel plated Steel Bar 4 feet long, ⅜ inch square, graduated in Circumference inches on the front, and in inches and eighths on the back, with two slides, with set screws, into which trammel points are fastened. It is put up in a neat wooden box with three steel ribbons of different gauges, which may be used according to size of elbow wanted. It is accompanied by the Magic Pattern Chart, mounted on linen, which contains elbow diagrams and rules for cutting all kinds of Flaring, Oval, Cylindrical, Cone shaped vessels, etc. with the aid of the Magic Rule. Besides all these, the Magic Pattern Rule may be used as a Straight Edge, Circumference Rule and Trammel.

Magic Pattern Rule and Chart, Complete, in Hinged Wood Case, - - - -	each, $5 00
Magic Chart only, 19x23 inches, Mounted on Linen, - - - - - -	" 50

Fig. 6522



Magic Pattern Rule in its Case.

Portland Child's Set. Per Set.....$2.00

PRICES PER SET.

Fairy Child's Set Bright Finish. $2.00

Assyrian Child's Set . .. .$2 00 Tipped Child's Set Plated Steel Knife ... $1.38

BASE BALLS.

American Base Ball Co.'s.

Fig. No. D8238.

Fig. No. D8239.

PER DOZEN.

No. 11½ American League, Each Ball Wrapped in Tin Foil and Tissue Paper, Regulation Size and Weight, . . . $12.00

PER DOZEN.

No. 12½ Expert, Horsehide Cover, Good Practice Ball, Each Ball Wrapped in Tissue Paper, Regulation Size and Weight, . . $6.00

One in a Carton. One Dozen in a Box.

Fig. No. D8240.

Fig. No. D8241.

PER DOZEN.

No. 13½—Leader, Each Ball Wrapped in Tissue Paper, Regulation Size and Weight, . $3.00

PER DOZEN.

No. 13B—Diamond, Each Ball Wrapped in Tissue Paper, . . $1.80

One in a Carton. One Dozen in a Box.

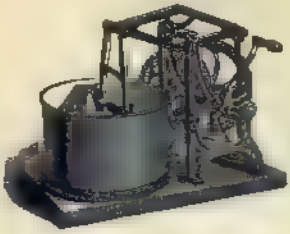
Meat Choppers.

AMERICAN.

Fig. 5785.

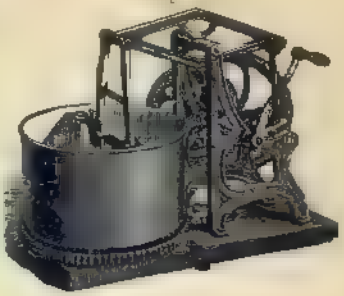
No. 1.

Fig. 5786.



No. 2.

Fig. 5787



Nos. 3 to 4.

No. 1,	8-inch	Cylinder,	Weight	14	pounds,	Cuts	3	pounds in	3	minutes,	-	each,	$ 5 00
2,	10	"	"	"	21	"	"	5 to 6	"	3	"	- - "	7 00
3,	12	"	"	"	37	"	"	8 to 10	"	3 or 4	"	- - "	10 00
A,	12	"	"	"	43	"	"	10	"	3	"	- "	12 00
4,	15	"	"	"	120	"	"	60 to 70	"	1	hour,	- - "	25 00

ENTERPRISE.

Fig. 5788.

Nos. 5, 10 and 20.

Fig 5789.

Nos. 12, 22, 32 and 42.

No. 5,	Tinned,	Weight	4½	pounds,	Chops	1	pound per minute,	-	-	-	-	each,	$2 00
10,	"	"	8	"	"	2	" " "	-	-	-	-	"	3 00
12,	"	"	7	"	"	2	" "	-	-	-	-	"	3 50
20,	"	"	16½	"	"	3	" "	-	-	-	-	"	5 00
22,	"	"	12	"	"	3	" "	-	-	-	-	"	4 00
32,	"	"	18	"	"	4	" "	-	-	-	-	"	6 00
42,	"	"	30	"	"	5	" "	-	-	-	-	"	15 00

Six in a Box.

EXTRA PARTS.

Nos.	Cylinder. Each.	Wood Screw. Each.	Knife. Each.	Perforated Plates. 1/8, 3/16, 1/4 or 3/8 Holes. Each	Perforated Plates. 1/2 inch Holes. Each	Ring. Each.	Crank. Each.	Thumb Screw. Each.	Cross Bar or Washer. Each.	Clamp Screw. Each.
5	$1 00	$0 50	$0 25	$0 30	$1 00	$0 25	$0 25	$0 10	$0 10	$0 15
10	1 50	75	30	50	1 50	30	30	10	20	20
12	1 25	75	30	50	1 50	30	30	10	...	.
20	2 50	1 50	50	75	3 00	75	50	15	50	50
22	1 75	1 50	50	75	2 00	75	50	15	...	
32	2 50	3 00	75	1 00	4 00	1 50	75	20	.	
42	6 00	6 00	1 00	3 00	7 50	3 00	1 00	30	...	

AMERICAN SCREW CASES.

Fig No D3398

Screw Cases. EACH

No. 1 Screw Case, 72 Drawers, Weight each, 80 lbs , $17.00

No. 2 Screw Case, 80 Drawers, Weight each, 85 lbs., 19.50

No. 3 Screw Case, 88 Drawers, Weight each, 90 lbs., 22.00

No. 4 Screw Case, 96 Drawers, Weight each, 90 lbs , 24.50

No. 1 Screw Case contains drawers labeled for following sizes of Screws:

1 ½-in x3, 4, 5, 6, 7
½-in x5, 6, 7, 8,
½-in.x5, 6, 7, 8, 9
½-in x7, 8, 9, 10.
1 ½-in x6 7,8,9,10,11,12,13,14
1 ½-in x7,8,9,10,11,12,13,14,15
1 ½-in.x8,9 10,11,12,13,14,15,16.
1½/4-in. x 9, 10, 11, 12, 13, 14, 15, 16, 17.
2 -in. x 10, 11, 12, 13, 14, 15, 16, 17, 18.
2¼-in. x 12, 13, 14, 15, 16.
3 -in. x 16, 18, 20, 22.

No. 2 Screw Case contains drawers labeled for following sizes of Screws.

½-in x2, 3, 4
½-in x3, 4, 5, 6, 7.
½-in.x4, 5, 6, 7, 8.
½-in x4, 5, 6, 7, 8, 9, 10.
½-in x6, 7, 8, 9 10, 11
1 -in x6,7,8,9,10,11,12,13,14.
1 ½-in.x7,8,9,10,11,12,13,14 15.
1 ½-in. x 8, 9, 10, 11, 12, 13, 14, 15, 16.
1 ½-in. x 9, 10, 11, 12, 13, 14, 15, 16, 17
2 -in. x 10, 11, 12, 13, 14, 15, 16, 17, 18.
2½-in. x 12, 13, 14, 15, 16.
3 -in. x 16, 18, 20, 22.

No. 3 Screw Case contains drawers labeled for following sizes of Screws

½-in x 1, 2
½-in x 3, 4, 5.
½-in x 3, 4, 5, 6, 7
½-in x 4, 5, 6, 7, 8, 9
½-in x 4, 5, 6, 7, 8, 9, 10.
½-in x 6, 7, 8, 9, 10 11, 12.
1 -in x 6, 7, 8, 9, 10, 11, 12, 13, 14, 15
1 ½-in x 7, 8, 9, 10, 11, 12, 13, 14, 15, 16
1½-in. x 8, 9, 10, 11, 12, 13, 14, 15, 16.
1¾-in x 9, 10, 11, 12, 13, 14, 15, 16, 17, 18.
2 -in. x 10, 11, 12, 13, 14, 15, 16, 17, 18.
2½-in. x 12, 13, 14, 15, 16.
3 -in. x 16, 18, 20, 22.

No. 4 Screw Case contains drawers labeled for following sizes of Screws

½-in. x 1, 2.
½-in. x 2, 3, 4, 5, 6.
½-in x 3, 4, 5, 6, 7, 8.
½-in. x 4, 5, 6, 7, 8, 9, 10, 11.
½-in. x 4,5,6,7,8,9 10,11,12.
½-in. x 6,7,8,9,10,11,12.
1 -in. x 6,7,8,9,10,11,12, 13, 14, 15.
1½-in.x7,8,9,10,11,12,13,14,15.
1½-in.x8,9,10,11,12,13,14,15,16
1¾-in.x9,10,11,12,13,14,15,16,17
2 -in.x10,11,12,13,14,15,16,17, 18.
2½-in.x12,13,14,15,16.
3 -in.x16, 18, 20, 22.
3½-in x16, 18, 20.

The Drawers are all provided with stops to prevent their removal from the Case. Each Drawer holds a package of Bolts or Screws of the size and number indicated on the front of the Drawer.

AMERICAN BOLT CASES.

Fig No D3399

Bolt Cases. EACH

No. 1 Bolt Case, 48 in. High, 26 in. Wide, 98 Drawers, Weight each, 250 lbs., . . . $33.00

No. 2 Bolt Case, 50 in. High, 26 in. Wide, 104 Drawers, Weight each, 300 lbs., . . . 36.00

No. 1 Bolt Case contains drawers labeled for following sizes of Bolts

Tire Bolts

¼-in. x 1½, 1¾, 2, 2¼, 2½, 3, 3½
½-in. x 1½, 1¾, 2, 2¼, 2½, 3½, 3.
¾-in. x 2, 2½, 2¾

Carriage Bolts

¼-in x 1, 1½, 1¾, 2, 2¼, 2½, 3, 3¼, 3½, 3¾, 4, 4¼, 4½, 4¾, 5.
⅜-in x 1, 1¼, 1½, 2, 2¼, 2½, 3, 3¼, 3½, 3¾, 4, 4¼, 4½, 5, 5½, 6, 6½.
½-in. x 2, 2½, 2¾, 3, 3¼, 3½, 3¾, 4, 4¼, 4½, 5, 6
⅝-in x 2, 2½, 3, 3¼, 4, 4½, 5, 5½, 6, 6½, 7, 7½, 8, 9, 10.
¾-in. x 2, 2½, 3, 3¼, 4, 4½, 5, 5½, 6, 6½, 7, 7½, 8, 9, 10, 11, 12
⅞-in x 2, 2½, 3, 3¼, 4, 4½, 5, 5½, 6, 6½, 7, 7½, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20.

No. 2 Bolt Case contains drawers labeled for following sizes of Bolts:

Tire Bolts.

⅜-in x 1½, 1¾, 2, 2¼, 2½, 3.
½-in. x 1½, 1¾, 2, 2¼, 2½, 2¾, 3.
¾-in x 2, 2½, 2¾

Carriage Bolts.

¼-in. x 1½, 1¾, 2, 2¼, 2½, 2¾, 3, 3¼, 3½, 3¾, 4, 4¼, 4½, 4¾, 5, 5½.
⅜-in x 2, 2¼, 2½, 2¾, 3, 3¼, 3½, 3¾, 4, 4¼, 4½, 5, 6.
½-in. x 2, 2¼, 2½, 2¾, 3, 3¼, 3½, 3¾, 4, 4¼, 4½, 5, 5½, 6, 6½, 7, 7½, 8, 9, 10, 11, 12
⅝-in x 2, 2¼, 2½, 2¾, 3, 3¼, 3½, 3¾, 4, 4¼, 4½, 5, 5½, 6, 6½, 7, 7½, 8, 9, 10, 11, 12
¾-in x 2, 2¼, 2½, 2¾, 3, 3¼, 3½, 3¾, 4, 4¼, 4½, 5, 5½, 6, 6½, 7, 7½, 8, 8½, 9, 9½, 10
⅞-in x 2, 2¼, 2½, 2¾, 3, 3¼, 3½, 3¾, 4, 4¼, 4½, 5, 5½, 6, 6½, 7, 7½, 8, 8½, 9, 9½, 10, 11, 12

GUITARS.

THE "AMERICAN CONSERVATORY" GUITAR.

A beautifully finished rosewood Guitar, absolutely correct in scale, as all stringed instruments offered by us are guaranteed to be. Solid rosewood sides and back, Brazilian cedar neck, patent machine head. Handsomely French polished. Beautiful orange-colored fronts.

No. 1382. Colored wood inlaying around sound-hole, beautiful stripe down the back, plain edges, rosewood or ebonized finger board and bridge ..... each, $1 75

" 1383. Colored wood inlaying around sound-hole, inlaid edges showing white rims, beautiful stripe down the back, ebonized or rosewood finger-board and bridge, each 12 00

CONCERT SIZE AMERICAN GUITARS,

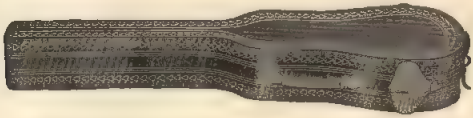
EXTRA FINE.

No. 1384. Beautifully finished solid rosewood guitars, *warranted* not to *warp* or *split*, and to be *absolutely correct* in *scale*, as all stringed instruments made by us are guaranteed to be, solid rosewood sides and backs, Brazilian cedar necks, patent machine head handsomely French polished, colored wood, wood inlaying around sound hole, inlaid edges showing white rims, beautiful stripe down the back, ebony finger-board and bridge ..... each, 15 00

" 1385. Rosewood, with neatly inlaid edges, beautifully colored wood inlayings around sound-hole, and a handsome stripe of inlaying down the back. Oval ebony finger-board with pearl position dots. each, 20 00

" 1386. Rosewood, with richly inlaid and celluloid bound edges, handsome colored wood and richly colored celluloid inlayings around sound-hole, with beautiful stripe down the back. Extra fine head. Oval ebony finger-board, with pearl position dots. Elaborately finished throughout ..... each, 35 00

GUITAR CASES.



No. 1387. Pasteboard, marbled, to fit imported guitars only ..... each, $0 45
" 1388. Wood American, half lined, with handle and hooks, for Ordinary size guitar ..... " 1 85
" 1389. " " " " lock handle and hooks, for Standard size guitar ..... " 1 90
" 1390. " " full lined " " " " spring clasps for Concert size guitar ..... " 2 60
" 1391. Brown canvas, new model, leather bound, opening at end for Ordinary size guitar ..... " 2 00
" 1392. " " " " " " Standard " " ..... " 2 00
" 1393. " " " " " " Concert " " ..... " 2 00
" 1394. Alligator leather, velvet lined, extra make and finish, for Standard size guitar ..... " 9 00
" 1395. " " " " " " Concert " " ..... " 9 25
" 1396. Leather, hand sewed, embossed, for Standard size guitar ..... " 5 50
" 1397. " " " " " Concert " " ..... " 5 75

GUITAR BAGS.

No. 1398. Green cloth, for Ordinary size or Standard size guitar ..... each, $0 85
" 1399. " " " Concert size guitar ..... " 85
" 1400. " " " Grand Concert size guitar ..... " 85
" 1401. Canvas, Fleece lined, patent fasteners, for Ordinary size guitar ..... " 86
" 1402. " " " " " " Concert " " ..... " 95
" 1403. Green cloth, superior quality, fleece lined, patent fasteners, for Ordinary size guitar ..... " 1 30
" 1404. " " " " " " " " Concert size guitar ..... " 1 30
to

BANJOS.

No. 1405. Nickel shell, wood lined, stained imitation cherry neck, 4 brass Eagle brackets, calfskin head . . . . . each, $2 20
" 1406. Same description as No. 1405, with 7 brass Eagle brackets . . . . . " 2 65
" 1407. " " " 1405, " 9 " " " . . . . . " 3 50
" 1408 Maple shell and neck, bronzed raised frets, 13 nickel leaf brackets calfskin head . . . . . " 4 00
" 1409 " " " " " " 17 " hexagon brackets, calfskin head . . . . . " 1 30
" 1410 Same description as No. 1408, with 21 brackets . . . . . " 4 70
" 1411. 13 Nickel plated hexagon brackets, nickel shell wood lined wired edge plain birch necks, raised frets . . . . . " 5 00
" 1412. 21 " " " " " " " " " " " " " " " " . . . . . " 5 35
" 1413. 25 " " " " " " " " " " " " " " " " . . . . . " 5 95
" 1414. 31 " " " " " " " " " " " " " " " " . . . . . " 6 15
" 1415. 29 " " " " " " " " " " " " " " " " . . . . . " 6 15

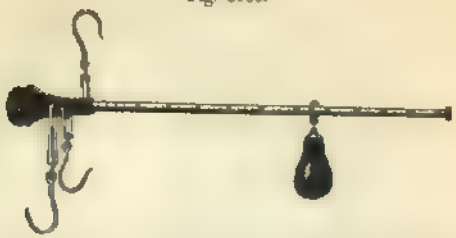
Nickel shells, wood lined, both edges wired, finely finished birch necks imitation ebony finger boards, pearl position dots, raised frets, celluloid pegs, calfskin heads.
No. 1416. 25 nickel plated elbow brackets . . . . . each, $6 00
" 1417 31 " " " " . . . . . " 6 45

Nickel shells, wood lined, moulding around upper inside edge of shells, wired edge, French polished birch necks, rosewood finger boards, pearl position dots, raised frets, polished ebony pegs, calfskin heads.
No. 1418. 31 nickel elbow brackets . . . . . each, $7 75
" 1419. 41 " " " . . . . . " 8 40
" 1420 51 " " " . . . . . " 9 60

Steelyards.

AMERICAN PATTERN.

Fig. 4151.



Balanced Heads and Stops. Heads and Poises Japanned.

Pounds,	-	-	-	-	-	50	100	150	200
Per Dozen,	-	-	-	-	-	$5 00	7 00	9 00	10 00

50 pounds, weigh by ounces, 100 pounds, weigh by 2 ounces; all others, weigh by 4 ounces.

One-half Dozen in a Box.

FARMER'S PATTERN

Fig. 4152.

Balanced Heads and Stops. Warranted Correct. Heads and Poises painted Red.

Pounds,	-	-	50	100	150	200	250	300
Per Dozen,	-	-	$9 00	10 00	12 00	15 00	18 00	20 00

50 pounds, weigh by ounces; 100 pounds, weigh by 2 ounces, all others, weigh by 4 ounces.

One-half Dozen in a Box.

Scale Beams.

Fig. 4153.

Japanned, with Gold Figures and Stripes.

Pounds,	100	150	200	250	300	350	400	450	500	600	700	800	1000
Each,	$1 50	1 50	1 60	1 90	2 10	2 50	2 90	3 20	3 50	4 00	4 66	5 30	6 66

100 to 300 Pounds, One Dozen in a Box, 350 to 1000 Pounds, One-half Dozen in a Box

Spring Balances.

Fig. 4154.

No. 70

Fig. 4155

Nos. 20, 40, 50 and 81.

Fig. 4156

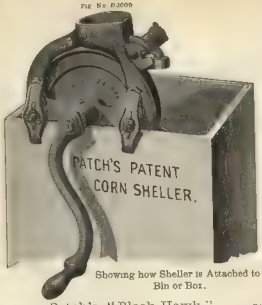
Nos. 30, 51 and 84

	Light Pattern.						Heavy Pattern.			
Nos.	20	30	50	51	70	40	81	82	84	87
Pounds,	24x¼	48x1	25x½	50x1	95x½	24x½	25x½	30x½	50x1	100x1
Per Dozen,	$1 50	3 50	1 60	8 50	4 00	2 00	4 00	5 00	10 00	42 00

Nos. 20, 40 and 50. One Dozen in a Box, Nos. 84 and 87. One-quarter Dozen in a Box, all others. One-half Dozen in a Box.

CORN SHELLERS.

Fig. No. D2009



Showing how Sheller is Attached to Bin or Box.

Fig. No. D2010

Corn Shellers.

Patch's, "Black Hawk."

EACH.

Patch's "Black Hawk," Malleable Iron, Hardened Bearings, Adjustable to Shell Clean all kinds of Field Corn. A six-year old Boy can operate them, $3.00

One-half Dozen in a Barrel. Weight, per Barrel, 100 lbs.

Elwood's.

EACH.

No. E—Elwood's, Right Hand, One Hole, **without Fan** or Table, ... $ 9.00

Weight, Each, 125 lbs.

No. F—Elwood's, Right Hand, One Hole, **with Fan** and Table, ... 10.00

Weight, Each, 140 lbs.

BONE, SHELL AND CORN MILLS.

Fig. No. D2011

Fig. No. D2012

Enterprise Bone, Shell and Corn Mills.

EACH

No. 650—Enterprise, Diameter of Wheel, 19½ in., Capacity about 1½ Bushels of Corn per hour, . $7.50

Weight, 47½ lbs.

EACH

No. 750—Enterprise, Diameter of Wheel, 19½ in., Capacity about 1½ Bushels of Corn per hour, . $7.50

Weight, 60 lbs.

CORN MILLS.

Fig. No. D2013

Cut Shows Nos. 3 and 4.

Ames' Corn Mills.

EACH

No. 3—Height, 36 in., Diameter of Drive Wheel, 20 in.; Capacity of Hopper, 2 Quarts, $5.25

Weight, 47 lbs.

No. 4—Height, 37½ in.; Diameter of Drive Wheel, 22 in.; Capacity of Hopper, 2½ Quarts, . . . 6.50

Weight, 59 lbs.

No. 5—Height, 40 in.; Diameter of Drive Wheel, 23 in., Capacity of Hopper, 3 Quarts, 9 25

Weight, 65 lbs.

CORN PLANTERS.

Fig No D2002

S. H. Co. Drop Easy Corn Planters.

PER DOZEN

S. H. Co. "Drop Easy"—Rotary Drop, Handsomely Varnished, Hardwood Sides, Spring Steel Points, Seed Box and Trimmings Painted Red, 3 Rotary Wheels of different sizes furnished with each Planter; Sizes of Wheels: No. 1, $^{11}/_{16}$ x $^{5}/_{8}$ in. Hole; No. 2, $^{5}/_{8}$ x $^{5}/_{8}$ in. Hole; No. 3 **(for Broom Corn)** $^{1}/_{8}$ x $^{5}/_{8}$ in. Hole, ... $15.00

One-half Dozen in a Crate. Weight, per Dozen, 75 lbs.

Fig No D2003

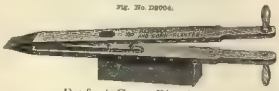
Farmer Boy Corn Planters.

PER DOZEN

Farmer Boy, Rotary Drop, Varnished Hardwood Staves, Spring Steel Points, Japanned Castings, 3 Rotary Wheels of different sizes furnished with each Planter Sizes of Wheels No. 1, $^{11}/_{16}$ x $^{5}/_{8}$ in. Hole. No. 2, $^{5}/_{8}$ x $^{5}/_{8}$ in. Hole; No. 3 **(for Broom Corn)** $^{1}/_{8}$ x $^{5}/_{8}$ in. Hole, $16.00

One-half Dozen in a Crate. Weight, per Dozen, 86 lbs.

Fig. No. D2004.



Perfect Corn Planters.

PER DOZEN

Perfect Pumpkin and Corn Planters, Hardwood Sides, Steel Points, Iron Plates, Seed Box and Trimmings Painted Red, ... $18.00

Packed One-half Dozen in a Crate. Weight, per Dozen, 85 lbs.

A **combined** Planter with which Pumpkin Seed can be planted when planting Corn, without **extra** time or labor.

Fig No D2005

Eclipse Corn Planters.

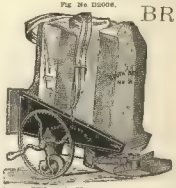
PER DOZEN.

Eclipse, Iron Sliding Valves, Steel Blades, Handles Fastened with Bolts, $11.00

One-half Dozen in a Crate. Weight, per Dozen, 48 lbs

BROADCAST SEEDERS.

Fig No D2006.



South Bend Broadcast Seeders.

PER DOZEN.

No. 2—Rotary Wheel, Hand Broadcast; Capacity, One-half Bushel, ... $36.00

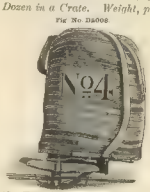
Fig No D2007

PER DOZEN.

No. 3—Steel Bow, Hand Broadcast, Capacity, One-half Bushel, $20 00

One-quarter Dozen in a Crate. Weight, per Crate, 35 lbs.

Fig No D2008



South Bend Broadcast Seeders.

PER DOZEN.

No. 4—Oscillating, Steel Bow, Hand Broadcast; Capacity, One-half Bushel, . . . $18.00

One-half Dozen in a Crate. Weight, per Crate, 70 lbs.

The South Bend Seeders will sow Seed in a radius of 25 to 40 feet, according to the kind of Seed used.

SIMMONS HARDWARE COMPANY

WIRE DISH COVERS.

Fig. No. D3836

Fig. No. D3837

Round, Blued.

Inches,	6	7	8	9	10
PER DOZEN	$1.20	1.45	1.75	2.10	2.50

PER SET.

In Sets of 5, Assorted 6, 7, 8, 9 and 10 in., . $0.75

Oval, Blued.

Inches,	8	10	12	14	16	18
PER DOZEN,	$2.00	3.00	4.00	5.00	6.00	7.00

PER SET.

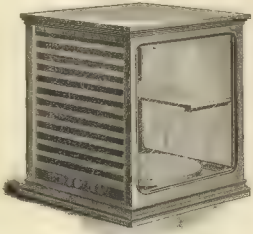
In Sets of 6, Assorted 8, 10, 12, 14, 16 and 18 in., $3.25

One Dozen Sets in a Box.

CHEESE SAFES.

Fig. No. D3838

Fig. No. D3839



Round.

EACH.

Round, 24 in. Diameter, 12 in. High, Green Wire, Weight 14 lbs., ... $3.00

Square Cabinet.

EACH.

Square Cabinet, Folding Doors, 22 in. Wide, 24 in. High, Weight 24 lbs., ... $5.00

Packed Singly, Ready for Shipment.

CROQUET.

Fig No D8383

PER SET.

No. 5—Set of **4 Balls,** Beaded Mallets, Oiled, with Ash Handles, Varnished Rock Maple Balls and Stake, Polished Arches, ... $1 10

Weight, per Crate of 3 Sets, 55 lbs.

No. 10—Set of **6 Balls,** (otherwise same as No. 5), 1.40

Weight, per Crate of 3 Sets, 60 lbs.

No. XA—Set of **8 Balls,** (otherwise same as No. 5), 1.90

Weight, per Crate of 3 Sets, 70 lbs.

Fig No D8384

PER SET.

No. 1—Set of **8 Balls,** Full Varnished, Select Polished Balls, White Ash Handles, **Wide Painted Stripe on Balls and Handles,** Turned Beaded Mallets, **Painted Arches,** $2 70

Weight, per Crate of 3 Sets, 85 lbs.

Fig No D8385

PER SET.

No. 2—Set of **8 Balls,** Highly Polished Balls, Mallets and White Ash Handles; **Three Stripes on Balls and Handles; Two Stripes on Mallets,** Two Fancy Stakes, **Painted Arches,** . . . $3.50

Weight, per Crate of 3 Sets, 80 lbs.

Croquet Mallets.

EACH

No. 20—"American Special", Choice Boxwood, Highly Polished Mallet, Professional Model. Diameter of Head, 2½ in.; Length of Head, 9 in.; Length of Handle, 12 in. Handle securely fastened to Head, $1.50

No. 30—"Country Club", a New Mallet with Handle 12 in. Long and Head 8 in. Long. Same style as used by Experts in Tournament Play. Handle made to Screw into Head. Made of Selected Boxwood and ends of Mallet Head protected by Nickeled Rings, ... 3.00

Croquet Balls.

EACH.

No. 0—Finest Hard Rubber Balls, . . $2.50

No. 2—First Quality Boxwood Balls, .75

No. 3—Composition Rubber Balls, .75

Fig No D8386

PER SET

No. 3—Set of **8 Balls,** Mallets and Handles **Hand Turned,** Finely Painted and **Fancy Striped;** Selected, Highly Polished, **Five Striped Balls,** Two Large Beaded Fancy Stakes, Heavy Enameled Arches, ... $4.25

Weight, per Crate of 3 Sets, 85 lbs.

Fig No D8387

PER SET.

No. 12 Professional, Set of **4 Balls, 9 in. Mallet Heads,** 28 in. Handles, Full Varnished and Striped Balls, Handles and Stakes; Enameled Arches, $2.60

No. 13 Professional, set of **8 Balls,** (otherwise same as No. 12), ... 3.25

Weight, per Crate of 3 Sets, No. 12, 60 lbs.; No. 13, 85 lbs.

Fig No D8388

PER SET.

No. 15—Professional, Set of **4 Balls, 10 in. Mallet Heads, Hand Turned,** Neatly Painted, **Finely Striped,** Short Beaded Maple Handles, Selected and Polished, **Five Striped Balls,** Large Beaded Stakes, **Heavy Enameled Arches,** 30 in. Handles, ... $4 50

Weight, per Crate of 3 Sets, 70 lbs.

Fig No D8389

PER SET

No. 18—Professional, Set of **4 Balls, 10 in. Rock Maple Mallet Heads, Hand Turned,** Shellac Finish, Ebonized and Bronzed, **Balls and Handles Ebonized and Bronzed,** Two Large Beaded Striped and Bronzed Stakes, **Heavy Enameled Arches,** 30 in Handles, . $6.00

Weight, per Crate of 3 Sets, 70 lbs.

Packed in Dove-tailed Hinged Boxes, Set of Rules with Each Set.

GOLF SUNDRIES.

Fig. No. D8290

The Spalding Clubs.

Highest Quality.

Wood Clubs made of the finest selected material, skillfully put together.

Iron Clubs made of the best chilled steel, handles of finest split hickory, shaped by hand and carefully mounted.

	EACH
Spalding's Wood Clubs, any style,	$2.00
" Brasseys, "	2.25
" Iron Clubs, "	2.00

Fig. No. D8291

Golf Balls.

	PER DOZEN.
The "Silvertown" Ball,	$5.00
" Spalding Highest Quality Ball,	5.00
" "Clan" Ball,	4.00
"Practice" Ball,	3.00

Fig. No. D8292

No. B.

Caddy Bags.

	EACH
No. A —Walking Stick,	$2.00
No. B —Heavy Plaid Canvas,	4.00
No. C1—Tan Waterproof Canvas,	2.00
No. C2— " " " with Pockets,	3 00
No. C4— " " " " " and Hood,	3 50
No. D —The Automaton,	7.00

Fig. No. D8293

Hole Cutters.

	EACH
No. 10—Steel Hole Cutter,	$3.50
No. 15—Hole Rim, Plain,	.25
No. 20— " " with Cross Piece,	.50

Markers and Score Cases.

	PER DOZEN
Couston's Registered Cards,	$0.25
	EACH.
No. A—The Bunker Marker,	$3.00
No. 1 —Pocket Score Cases,	.50
Golf Manual, Rules, etc.,	.10

Fig. No. D8294

Ball Cleaner.

	EACH.
No. 25 The Edinburg Cleaner,	$1.56

Golfing Gloves.

	PER PAIR.
No. 1—For Ladies, Ventilated Back and Palms,	$1.50
No. 2—Men's Ventilated Back and Palms,	2.50
No. 4— " Fine Quality, Button,	2.00
No. 10 " Button Pique,	2.00
No. 12 " " "	1.75

Fig. No. D8295

HOME PRESS.

Sundries.

	EACH.
No. 30—The Home Golf Press,	$3 00
No. 35—Golf Painting Machine,	2 00
No. 2— " Tees Regulation,	.25

Club Roughener.

	EACH.
For Roughening Face of Clubs,	$0.50

Fig. No. D8296

McPherson's Golfers' Companion.

For repainting balls. Outfit consists of rack for holding three balls, can of enamel and brush.

	EACH.
No. 1—McPherson's Outfit, complete,	$1.00

Fig. No. D8297

Marking Discs and Flags.

	PER DOZEN
No. 1—Fine Bunting, Numbered,	$ 6 00
No. 2—Bunting Marking Flags,	2.00
No. 3—Discs, Heart Shape, Numbered,	9.00
No. 4— " Oblong " "	10.20
No. 5 Teaing Disc,	6.00

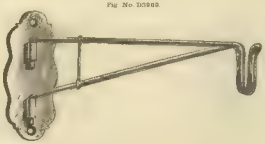
Fig. No. D8298

Golf Suits.

No. 25—English Coat,	$8.00
No. 26— " Knee Trousers,	7.00
No. 28—Club Coat,	7.50
No. 25C—Cap,	1.15
	PER PAIR.
No. 5/0—Scotch Wool Hose,	$4.00
No. 6/0—Fine Tan Shoes, Spiked,	6.50

BIRD CAGE HOOKS.

Fig. No. D2962.



No. 21 10 in., **Steel Wire,** Sheet Metal Heavy Base, **Nickel Plated,** Swinging, . . . PER DOZEN. $2 50

One-half Dozen in a Box.

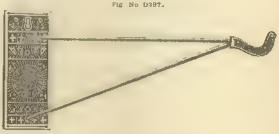
Fig. No. D2970

PER DOZEN.

No. 056—10 in., **Etruscan Bronzed,** Surface **not Ground,** $2.05

One-half Dozen in a Package.

Fig. No. D397.



PER DOZEN.

No. 205 10 in., **Etruscan Bronzed,** Surface **not Ground,** $2.50

One-half Dozen in a Box.

Fig. No. D2973

PER DOZEN.

No. 100—8 in., **Etruscan Bronzed,** Surface **not Ground,** . $1.00

Fig. No. D2971

PER DOZEN.

No. 12 10 in., **Etruscan Bronzed,** Surface **not Ground,** . $2 25

One Dozen in a Box.

BOOT JACKS.

Fig. No. D2974.

No. 45 Beetle, Japanned, PER DOZEN. $2.50

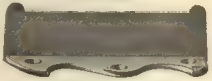
One-half Dozen in a Package.

SIMMONS HARDWARE COMPANY

FOOT SCRAPERS.

Fig. No. D3211

Fig. No. D3212



	PER DOZEN.		PER DOZEN.
No. 23—6 in., **Japanned,** . . .	$1.05	**No. 45**—7 in., **Japanned,** . . .	$1.60

One Dozen in a Package.

Fig. No. D3213

Fig. No. D3214

	PER DOZEN.		PER DOZEN.
No. 67—6 in., **Japanned,** . . .	$2.10	**No. 12**—6 in., **Japanned,** . . .	$1.60
One-half Dozen in a Package.		*One Dozen in a Package.*	

Fig. No. D3215.

Fig. No. D3216

	PER DOZEN.		PER DOZEN.
No. 101—6 in., **Tyler's, Steel,** Japanned, .	$4.00	**No. 212**—6 in., Japanned, ...	$3.85
One Dozen in a Package. Packed with Screws.		*One-half Dozen in a Package.*	

Cuts One-third Size.

SIMMONS HARDWARE COMPANY

FRAME SLEDS.

Fig No D4255.

Cut shows No 200.

PER DOZEN

No. 200—33 x 12 in., Varnished, Top Board Painted, **Two Bent Knees, Flat Iron Shoes,** . . . $6.00

No. 202 - 36 x 12 in., Varnished, Top Board Painted, **Three Bent Knees, Flat Iron Shoes,** . . . 7.50

Fig No D4259

PER DOZEN.

No. 204—33 x 15 in., Varnished and Striped, Top Board Painted and Ornamented, **Two Bent Knees** arch Iron Braces, **Iron Swan Heads, Flat Iron Shoes,** $9.50

Fig No D4287.

PER DOZEN.

No. 206 36 x 13 in., Selected Rock Elm, Finished on the Natural Wood, Top Board Painted and Ornamented, **Three Bent Knees, Round Side Fenders,** Tinned Braces, **Half Oval Iron Shoes,** $10.00

One-sixth Dozen in a Package.

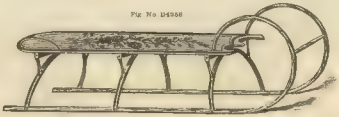


Fig No D4288

PER DOZEN.

No. 208 36 x 13 in., Bow Runners, **Hardwood,** Striped and Ornamented **Finished on the Natural Wood, Three Bent Knees,** Half Oval Tinned Iron Braces, **Heavy Half Oval Iron Shoes,** $17.00

Fig No D4289.

PER DOZEN.

No. 210—33 x 12 in., Selected Oak, Finely Polished and Ornamented, **Finished on the Natural Wood, Three Bent Knees,** Double Braced, **Heavy Polished Oval Steel Shoes,** . $21.00

One-half Dozen in a Crate.

SIMMONS HARDWARE COMPANY.

TOY CARTS.

Fig. No. D4240

Fig. No. D4230

Toy Carts

	PER DOZEN.
No. 11—Body 5½ x 11 in., Wheels 6 in., Tin Tires, Painted in Bright Colors, . . .	$3.00
No. 12—Body 7 x 14 in., Wheels 8 in., Tin Tires, Painted and Striped, ...	$4.50

One Dozen in a Crate.

BOYS' BARROWS.

Fig. No. D4251

Fig. No. D4259

Boys' Barrows.

Dump.

	PER DOZEN.
No. 1—Box 13 x 15 in., Iron Wheel 10 in., Handles 32 in. Long, . . .	$14.00
No. 2—Box 15 x 16 in., Iron Wheel 12 in., Handles 35 in. Long, . . .	16.00

Weight per Dozen, No. 1, 58 lbs.; No. 2, 70 lbs.

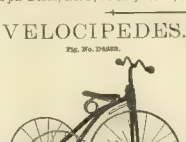
Garden.

	PER DOZEN.
No. 7—Body 11 x 14½ x 5 in., Iron Wheel 10 in., Handles 32 in. Long, ...	$14.00
No. 8—Body 12 x 16 x 6 in., Iron Wheels 12 in., Handles 35 in. Long, ...	16.00

Weight per Dozen, No. 7, 67 lbs.; No. 8, 84 lbs.

VELOCIPEDES.

Fig. No. D4228.



Velocipedes, all Iron and Steel.

	EACH.
No. 1 Steel Tires, Front Wheel 16 in., Rear Wheels 12 in., Length of Leg (Inside Measurement), 16 in.,	$2.50
No. 2—Steel Tires, Front Wheel 20 in., Rear Wheels 14 in., Length of Leg (Inside Measurement, 18 in.	3.00
No. 3—Steel Tires, Front Wheel 24 in., Rear Wheels 16 in., Length of Leg (Inside Measurement), 20 in.,	3.50
No. 4—Steel Tires, Front Wheel 26 in., Rear Wheels 16 in., Length of Leg (Inside Measurement), 22 in.,	4.00
No. 5—Steel Tires, Front Wheel 28 in., Rear Wheels 18 in., Length of Leg (Inside Measurement), 24 in.,	4.50
No. 6—Rubber Tires, same size as No. 1, .	5.00
No. 7—Rubber Tires, same size as No. 2, .	6.00
No. 8—Rubber Tires, same size as No. 3,	7.00
No. 9—Rubber Tires, same size as No. 4, .	8.00
No. 10—Rubber Tires, same size as No. 5, .	9.00

TRICYCLES.

Fig. No. D4254

Girls' Lever, Steel Wheels.

	EACH.
No. 33 Steel Tires, 20 in. Wheel (for Girls from 3 to 6 years), ...	$ 8.00
No. 34—Steel Tires, 22 in. Wheel (for Girls from 4 to 7 years), ...	10.00
No. 35—Steel Tires, 26 in. Wheel (for Girls from 7 to 10 years), ...	12.00
No. 36—Steel Tires, 30 in. Wheel (for Girls from 10 to 13 years), .	14.00
No. 37—Rubber Tires, same size as No. 33, .	16.00
No. 38—Rubber Tires, same size as No. 34,	17.00
No. 39—Rubber Tires, same size as No. 35, .	19.00
No. 40—Rubber Tires, same size as No. 36, .	21.00

SIMMONS HARDWARE COMPANY

OIL AND GASOLINE CANS.

Fig. No. D4589

Gasoline Cans.

PER DOZEN.

Perfection = Gasoline Cans, **5 Gallons,** Weight per dozen, 85 lbs., . $12 00

Packed Loose.

Fig. No. D4590.

Tin, Wood Jacket, with Spout and Screw Top.

PER DOZEN.

No. 83—3 Gallons, . $ 8.40

No. 85—5 Gallons, ... 10.20

Average Weight per Dozen, 45 lbs.

Fig. No. D4581

Wood Jacket.

PER DOZEN.

No. 89—Wood Jacket, Tin, **5 Gallons,** made of Strong Tin Plate, enclosed in a Firm Wood Jacket, tested and guaranteed tight, Bottle Mouth, without Spout, Weight per dozen, 55 lbs., ... $10.20

Shipped Loose in Bundles.

Fig. No. D4592.

Wire Cushioned.

PER DOZEN.

No. 1000—1 Gallon, Glass, Protected with Tinned Steel Spring Coiled Wire—A Perfect Cushion, $7.50

One Dozen in a Case. Weight per Dozen, 65 lbs.

Fig. No. D4593

Nos., . .	900½	901	902
Gallons, . .	½	1	2
Weight per dozen, lbs.,	40	65	120
Per dozen, .	$3.50	4.75	9.50

The Body of this Can is made of thick Glass, covered with a Corrugated Tin Casing, provided with Measuring Gauges.

One-half and One Gallon, One Dozen; Two Gallon, One-half Dozen in a Case.

OIL AND GASOLINE CANS.

Fig. No. D4583

Fig. No. D4584

Oil and Gasoline Cans.

Galvanized Iron, with Removable Pump, Screw Cap over Pump.

	PER DOZEN.
No. 30—Pan-American, 3 Gallons,	$18.00
No. 50—Pan-American, 5 Gallons,	24.00

Average Weight per Dozen, 114 lbs.

Galvanized Iron, Removable Pump.

	PER DOZEN.
No. 77—St. Louis Pump, 5 Gallons,	$24.00

Packed One-third and One-half Dozen in a Rack.
Average Weight per Dozen, 85 lbs.

Fig. No. D4585.

Fig. No. D4586.

Excelsior Family Oil Cans

Galvanized Iron, with Screw Top and Spout on Top.

	PER DOZEN.
No. 91—Excelsior, 3 Gallons,	$10.00
No. 93—Excelsior, 5 Gallons,	15.00

Galvanized Iron, Raised Wire Bottom, Seamless Top, Nickel Plated Compression Screw Faucet, Oil and Air Tight.

	PER DOZEN.
No. 90—Excelsior, 3 Gallons,	$10.00
No. 92—Excelsior, 5 Gallons,	15.00

One-third Dozen in a Crate. Average Weight per Dozen, 72 lbs.

Fig. No. D4587.

Fig. No. D4588.

Oil and Gasoline Cans.

	PER DOZEN.
No. 94—"Faultless", 5 Gallons, Galvanized Iron, Mounted in Detachable Tilting Steel Frame, Patent Spring, Nickel Plated Brass Faucet and extra large Filler Screw,	$30.00

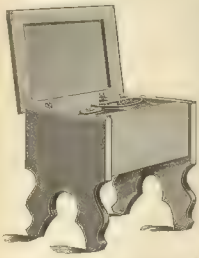
One-half Dozen in a Rack. Weight per Rack, 75 lbs.

	PER DOZEN.
No. 95 "Midway", 5 Gallons, Galvanized Iron Tilting Can, Nickel Plated Brass Faucet and Large Filler Screw,	$15.00

One-half Dozen in a Rack. Weight per Rack, 60 lbs.

BLACKING CASES.

Fig. No. D4195



PER DOZEN.

No. 50—Gumwood, Varnished, Carpeted Top, Iron Foot Rest, Height 14 in., Top 10 x 14 in., . . $21.00

Fig. No. D4196

PER DOZEN.

No. 28—Walnut, Varnished, Carpeted Top, Iron Foot Rest, Height 15 in., Top 13 x 13 in., $36.00

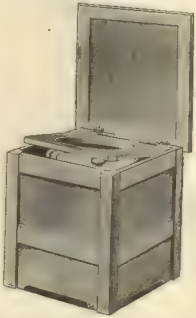
Fig. No. D4197.

PER DOZEN.

No. 57—Oak, Varnished, Carpeted Top, Iron Foot Rest, **Slide** for removing dirt, Height 14 in., Top 11 x 15 in., . . $42.00

COMMODES.

Fig. No. D4199



PER DOZEN.

No. 3—Commode, Oak, Varnished, Carpeted Top, **Porcelain Pan**, Height 17½ in., Top 15½x15 in., $96.00

BLACKING AND SLIPPER CASES.

Fig. No. D4198

PER DOZEN.

No. 58—Oak, Varnished, Polished and Finely Carved, **Carpeted Top,** Iron Foot Rest; has **Slide** for removing dirt, and **Door on Side for Slippers,** Height 15 in., Top 15 x 15 in., . . $90.00

SIMMONS HARDWARE COMPANY

TOILET PAPER FIXTURES.

Fig No D4189

PER DOZEN.

No. 7—Family, Bronzed, $2.00

Packed Loose.

Fig No D4188

Cut shows Method of Attaching Paper.

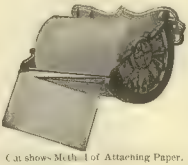
PER DOZEN.

No. 4—Bronzed, without Paper, $ 7.50

No. 5—Nickel Plated, without Paper, 10.00

Packed Loose.

Fig No D4190



Cut shows Method of Attaching Paper.

PER DOZEN.

No. 00—Union Cabinet, without Paper, Bronze Finish, . . $8.00

Packed Loose.

Fig No D4191

Cut shows Method of Attaching Paper

PER DOZEN

No. 1—Union Cabinet, without Paper, Bronze Finish, **with Lock,** . $24.00

Packed Loose.

TOILET PAPER.

Fig No D4192

PER CASE.

No. 0—Factory Plain Roll, not Perforated, 4½ in. Wide, in Continuous Rolls, 100 Rolls in Case, Weight per Case, 68 lbs., . . $ 7.50

No. 1—Perforated in 6 in. Lengths, 5 in. Wide, 100 Rolls in Case, Weight per Case, 85 lbs. . . 15.00

Fig No D4193

PER CASE

No. 10—Beverwyck, 4½ x 6½ in., **in Packages** of 800 Sheets; 100 Packages to Case, $12.00

Weight per Case, 60 lbs.

Fig No D4194

PER CASE.

No. 20—Clover Leaf, 4 x 6 in., **in Packages** of 400 Sheets, 100 Packages to Case, $7.00

Weight per Case, 45 lbs.

SIMMONS HARDWARE COMPANY

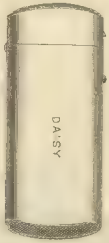
POCKET MATCH SAFES.

Fig. No. D3945

PER DOZEN.

No. 2¼—Brass, Nickel Plated, $1.25

Fig. No. D3946



PER DOZEN.

Daisy, Brass, Nickel Plated, $2.00

Fig. No. D3947

PER DOZEN.

Imperial, Hammered Brass, $3.75

Fig. No. D3948

PER DOZEN.

Boss, Brass, Nickel Plated, $4.50

Fig. No. D3949

PER DOZEN.

No. 40—"Breeches", Oxidized, $4 50

Fig. No. D3950

PER DOZEN.

No. 31—Antique, Oxidized, $4.75

One Dozen in a Box.

Cuts Full Size.

WALL MATCH SAFES.

Fig. No. D3951

Fig. No. D3959

Cuts One-third Size.

	PER DOZEN		PER DOZEN.
No. 2—Bronzed, ...	$2.10	**No. 10**—Bronzed, .	$2.50

One-half Dozen in a Box.

Fig. No. D3932

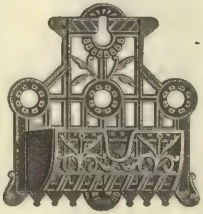
Cut One-half Size.

No. 70—Etruscan Bronzed, Ground Surface, ... PER DOZEN. $1.50

One Dozen in a Box.

Fig. No. D3864

Fig. No. D3935.



Cuts One-half Size.

	PER DOZEN.		PER DOZEN.
No. 145—Etruscan Bronzed, Ground Surface,	$1.60	**No. 056 Etruscan Bronzed, Ground Surface,**	$1.65

One Dozen in a Box.

POT CLEANERS.

Fig. No. D4494.

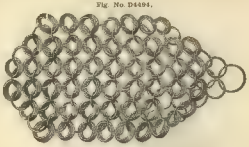


Fig. No. D4495.

Wire Ring Pot Cleaners.

	PER DOZEN.
No. 1—Small,	$2.00
No. 2—Large,	3.00
Glove,	4.50

Handled Pot Cleaners.

	PER DOZEN.
No. 416—Handled, Wire Ring,	$5.00

SOAPSTONE FOOT WARMERS.

Fig. No. D4496.

Soapstone Foot Warmers,			
Inches,	**7 x 9**	**8 x 10**	**8 x 12**
Weight per dozen, lbs.,	120	126	162
Per dozen,	$4.50	5.25	6.00

A sure preventive of cold feet when driving or sleighing.

GRIDDLES.

Fig. No. D4497

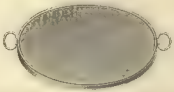
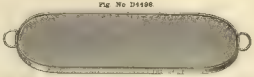


Fig. No. D4498



Round Soapstone Griddles, with Handles

Inches,	**10**	**12**	**14**
Weight per dozen, lbs.,	72	96	125
Per dozen,	$8.75	12.50	16.25

Oval Soapstone Griddles, with Handles.

Inches,	**9 x 18**	**10 x 20**	**11 x 22**
Weight per dozen, lbs.,	132	144	150
Per dozen,	$15.00	18.75	22.50

Fig. No. D4499

Schofield's Griddles.

	PER DOZEN.
Schofield's Cast Iron Griddles, **6 Cake,** Weight per dozen, 60 lbs.,	$12.00

Can have 6 Cakes baking at one time when using this Griddle.

GASOLINE STOVE FURNITURE.

Fig No. D4489

Fig No. D4489.

Perfection Saucepans, Made of IX Tin.

Half Round.

PER SET OF (2).

No. 1=Perfection, each Vessel holding **5 Pints,** $0.60

No. 2=Perfection, each Vessel holding **10 Pints,** Large, .80

Third Round.

PER SET OF (3).

Perfection=Each Vessel holding **5 Pints,** $0 90

Fig No. D4490.

Fig No. D4491

Perfection Square Saucepans, Made of IX Tin.

PER SET OF (4).

Perfection Square Saucepans, each Vessel holding **5 Pints**— $1.40

This set of four Saucepans can be used over one flame, thus cooking four kinds of vegetables over one burner at the same time.

Perfection Triple Cookers Made of Heavy Tin and has a Strong Copper Bottom.

EACH.

Perfection Triple Cooker, each Vessel holding **5 Pints**= $2.00

By its use three kinds of vegetables can be cooked over one flame, and after being cooked can be kept hot as long as desired, by allowing the vessels to remain in the hot water till food is served

Fig No. D4492

Fig No D4493

Perfection Tank Fillers.

PER DOZEN.

Perfection Gasoline Tank Fillers, 3 Quarts= . $2.40

Triple Sad Iron Heaters.

PER DOZEN.

Triple Sad Iron Heaters= . . $9 00

Is intended for heating three irons at a time, and it will work better with three irons on than any less number. Four irons should therefore be used. Either Mrs. Potts' Pattern or common sad irons can be used on it.

JAPANNED WARE.

Toilets.

Fig No D6087

In Sets.

	PER SET.
No. 303—Toilet Sets, **Oak Grained,** Gilt Bands, **3 Pieces in a Set,**	$2.75

Separate.

	PER DOZEN.
No. 303—Water Carriers, Slop Jars or Foot Tubs **Separate, Oak Grained,** Gilt Bands,	$12.00

Fig. No. D6088

Water Carriers.

Fig No D6089

Foot Tubs.

Fig No D6090

Slop Jars.

In Sets.

	PER SET.
No. 325—Toilet Sets, **Green,** Gilt Bands, **3 Pieces in a Set,**	$2.60
No. 326—Toilet Sets, **Scarlet,** Gilt Bands, **3 Pieces in a Set,**	2.60
No. 327—Toilet Sets, **Blue,** Gilt Bands, **3 Pieces in a Set,**	2.60

Separate.

	PER DOZEN.
No. 325—Water Carriers, Slop Jars or Foot Tubs **Separate, Green,** Gilt Bands,	$11.00
No. 326—Water Carriers, Slop Jars or Foot Tubs **Separate, Scarlet,** Gilt Bands,	11.00
No. 327—Water Carriers, Slop Jars or Foot Tubs **Separate, Blue,** Gilt Bands,	11.00

Fig No D6091

Fig No D6092

Fig. No. D6093.

Wash Bowls and Pitchers.

	PER SET.
No. 2—Assorted Colors and Styles, Bowls 12 x 4 in., Pitchers 10 x 6 in., **with Tin Handle,**	$1.25

Toilet Stands.

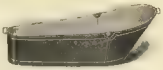
	EACH.
No. 3—Complete, Assorted Colors, 30½ in. High, 13 in. Diameter at Base,	$4.50

Toilet Stands.

	EACH.
No. 10⅝—Complete, Assorted Colors, 46 in. High, 17½ in. Diameter at Base,	$10.00

JAPANNED WARE.

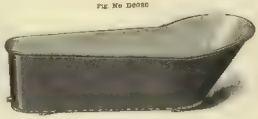
Fig. No. D6079



Infant Bath Tubs.

Japanned,	Nos.,	1	2	3
	Inches,	30	36	41
	EACH.	$4.00	5.50	6.25

Fig. No. D6080



Plunge Bath Tubs.

	EACH.
Plunge Bath Tubs, 6 feet,	$35 00

Fig. No. D6081

Combination Bath Tubs.

	EACH.
Combination Bath Tubs,	$16.25

Fig. No. D6083

Hip Bath Tubs.

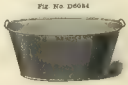
	EACH.
Hip Bath Tubs,	$11.25

Fig. No. D6082

Sponge Bath Tubs.

	EACH.
Sponge Bath Tubs,	$13.75

Fig. No. D6084



Foot Tubs.

	PER DOZEN.
Foot Tubs, Green, 19 in.,	$25.00

Fig. No. D6085

Slop Jars.

	PER DOZEN.
Slop Jars, with Bails, Assorted Colors,	$15.00

Fig. No. D6086

Chamber Pails, Japanned.

Green.

Quarts,	10	12	14
PER DOZEN.	$14.35	15.60	16 50

Assorted Colors.

Quarts,	10	12	14
PER DOZEN.	$14.35	15 60	16.50

TOY BANKS.

Fig. No. D3964

Fig. No. D3965

Cuts One-third Size.

PER DOZEN.

No. 10 Complete with Lock and Key, Green Japanned. Height 3⅝ in., Width 2¾ in., Depth 2¾ in., $2.25

One-half Dozen in a Package.

PER DOZEN

No. 15 Complete with Lock and Key, Green Japanned, Height 4¼ in., Width 3 in., Depth 3 in., $4.25

One-quarter Dozen in a Package.

Fig. No. D3966

Cut One-third Size.

PER DOZEN

No. 1884—Safe Deposit, Combination Lock, Red Japanned, Height 5¼ in., Width 4⅜ in., Depth 4¼ in., $12.50

One-twelfth Dozen in a Box.

Fig. No. D3967

Cut Two-thirds Size.

PER DOZEN

No. 3244—Dark Antique Bronzed, Height 2¾ in., Width 2¼ in., Depth 2 in., . . $3.25

One-half Dozen in a Box.

Fig. No. D3968

Cut One-quarter Size.

PER DOZEN.

No. 3234—Dark Antique Bronze, Height 4⅜ in., Width 3½ in., Depth 5 in., . $9.80

One-sixth Dozen in a Box.

MATCH SAFES.

Fig. No. D3958

Fig. No. D3957

Cuts One-half Size.

No. 225 -Luminous, Gilt, PER DOZEN. $3 50

One Dozen in a Box.

No. 067 -Bird Pattern, **Berlin Bronzed, Ground** Surface, . . . PER DOZEN $4.00

One-quarter Dozen in a Box.

Fig. No. D3960

Fig. No. D3958

Fig. No. D3959

Star, Egyptian Brass, 4½ x 5 in., . . . PER DOZEN $1.50

One Dozen in a Box.

Crown, Brass Finish, 5 x 3½ in., . . . PER DOZEN $2.00

One Dozen in a Box.

No. 11—Wood Back, Brass Box, Fancy, Metal Ornaments, with Scratch Plate, 6½ x 4½ in., . PER DOZEN. $3 00

One Dozen in a Paper Box.

Fig. No. D3961

Square.

Square, Japanned, 5 x 2⅜ in., PER DOZEN $1 00

Fig. No. D3962

Twin

Twin, Japanned, 5 x 4⅜ in., PER DOZEN. $1.00

Fig. No. D3963

Round.

Round, Japanned, 4½ x 4⅜ in., PER DOZEN. $1.25

Table Kettles.

With Stands.

Fig. 6138.

Nos. 1730 and 1732

Fig. 6139.

Nos. 1720 and 1721.

Fig. 6140.

Nos. 1740 and 1741.

Fig. 6141.

Nos. 1770 and 1771

		Polished Brass Kettle and Lamp			Nickel plated Kettle and Lamp				
	No	1720	1730	1740	1770	1721	1732	1741	1771
Height of Stand,	Inches,	41	44	45	46½	41	44	45	46½
Complete,	Each,	$12 00	6 00	18 00	24 00	12 50	6 50	18 60	24 50
No. of Kettle,		1692	2504	1742	1772	1623	2506	1743	1773
Capacity of Kettle,	Pints,	2	3	2½	3	2	3	2½	3
Kettle only,	Each,	$2 75	1 50	3 25	3 25	3 25	1 75	3 75	3 75

All above Stands are Wrought Iron.

Table Kettle.

With Stands

Fig. 6133.

Nos. 1632 and 1631

Fig. 6134

Nos. 1650 and 165[illegible]

		Polished Brass Kettle and Lamp.		Nickel-plated Kettle and Lamp.	
	No.	1630	1650	1631	1651
Complete,	Each,	$5 75	5 [illegible]5	$6 25	5 [illegible]0
No. of Kettle,		1632	16[illegible]2	1633	1653
Capacity of Kettle,	Pints,	2	2	2	2
Kettle only,	Each,	$2 50	2 00	$3 [illegible]0	2 25

All above Stands are Wrought Iron.

Fig. 6135.

Nos. 1560 and 1561.

Fig. 6136

Nos. 1620 and 1621.

Fig. 6137

Nos. 1[illegible] and 1671

		Polished Brass Kettle and Lamp.			Nickel-plated Kettle and Lamp.		
	No.	1560	1620	1670	1561	1621	1671
Complete,	Each,	$7 25	6 50	7 00	$8 25	7 00	7 [illegible]0
No. of Kettle,		1562	1622	1772	1563	1623	1773
Capacity of Kettle,	Pints,	2½	2	3	2½	2	3
Kettle only,	Each,	$2 50	2 75	3 25	$2 85	3 25	3 75

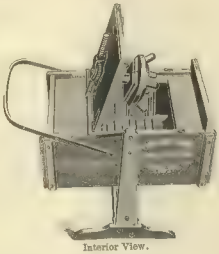
Nos. 1620, 1621, 1670 and 1671 Stands are Wrought Iron; all other Stands are Brass, finished same as Kettle and Lamp.

WASHERS.

Fig No D4097½

Exterior View.

Fig No D4098



Interior View.

Wayne Combination, Rocker Motion.

PER DOZEN

No. 11 Wayne Combination, Rocker Motion, Size of Box 17½ x 27 in., 12 in. Deep, Height 29 in., ... $108 00
Weight per dozen, **600** lbs.

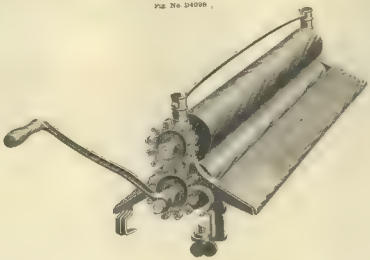
No. 12 -Wayne Combination, Rocker Motion, Size of Box 19½ x 27 in., 14 in. Deep, Height 29 in., ... 120.00
Weight per dozen, 720 lbs.,

Crated One-twelfth Dozen in a Crate.

The Wayne Combination combines the reciprocal pin-wheel motion, with an oscillating movement of the whole sud box. The Machine when open locks itself, so that a wringer can be attached on the wringer board without tilting it, a small key inserted in the gear keeps it from tilting when full.

MANGLES OR COTTON SEED SACK WRINGERS.

Fig No D4098



EACH

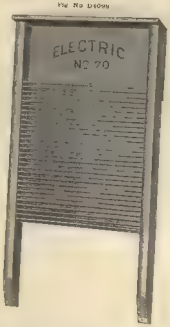
No. 500 -Mangles or Cotton Seed Sack Wringers, Wood Rolls 23 x 3½ in., Weight each, 28 lbs., . . $12.00

One-half Dozen in a Box.

WASH BOARDS.

Fig No D4099

Fig No D4099



PER DOZEN

No. 1 17 in., **All Wood, Dove-tailed** Sides and End, Hardwood Board, Soft Wood Frame, . $2.25

No. 2 15 in., **All Wood, Nailed** Sides and End, Hardwood Board, Soft Wood Frame, 2 00

One Dozen in a Crate. Weight per Dozen, No. 1, 44 lbs.; No. 2, 35 lbs.

PER DOZEN.

No. 70 Electric, Galvanized Wires constitute **Rubbing Surface; Hardwood Back** of one Solid Piece, with space for **Dirt and Water to drain down under the ends of the Wires,** $6 00

One-half Dozen in a Crate. Weight per Dozen, 55 lbs.

Fig No D4100

Fig No D4100

Fig No D4101

PER DOZEN

No. 10—"Dazzler", Single Zinc, Plain Crimp, Wood Back, . . . $1.80

One-half Dozen in a Crate. Weight per Dozen, 35 lbs.

PER DOZEN.

No. 15—"Leader", Single Zinc, Plain Crimp, Wood Back, Ash Frame, . $2.25

One-half Dozen in a Crate. Weight per Dozen, 35 lbs.

PER DOZEN.

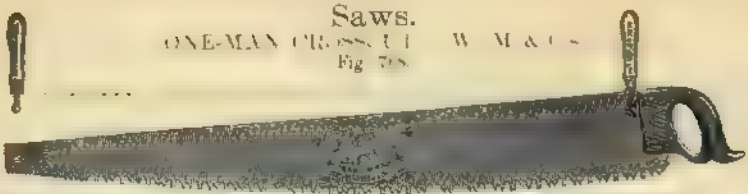
No. 20—"Economy", Single Zinc, Globe Crimp, Wood Back, Hardwood Frame, $2.50

One-half Dozen in a Crate. Weight per Dozen, 35 lbs.

Saws.

ONE-MAN CROSSCUT. W. M. & Co's

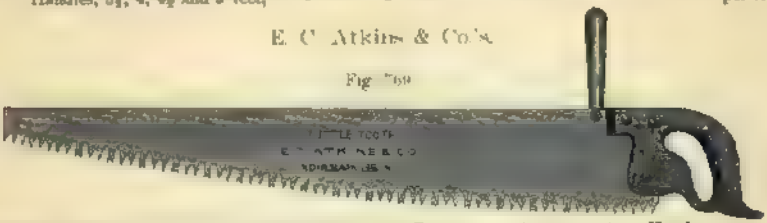
Fig. 768.



W. M. & Co's One-Man Crosscut, Champion Tooth, 14x16 Gauge, with Regular and Supplementary Handles, 3½, 4, 4½ and 5 feet, - - - - - - per foot, $0 80

E. C. Atkins & Co's.

Fig. 769



Atkin's One-Man Crosscut, Tuttle Tooth, 14x16 Gauge, with Regular and Supplementary Handles, 3½, 4, 4½, 5 feet, - - - - - - - per foot, $0 78

E. C. Atkins & Co's.

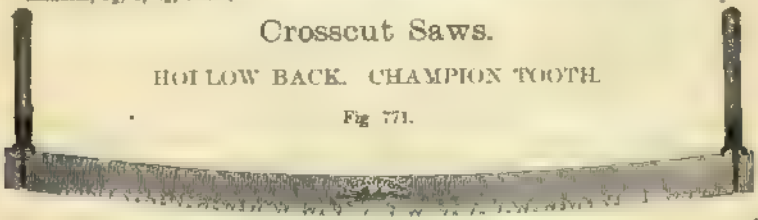
Fig. 770

Atkin's One-Man Crosscut, Diamond Tooth, 14x16 Gauge, with Regular and Supplementary Handles, 3½, 4, 4½, 5 feet, - - - - - - per foot, $0 75

Crosscut Saws.

HOLLOW BACK. CHAMPION TOOTH.

Fig. 771.



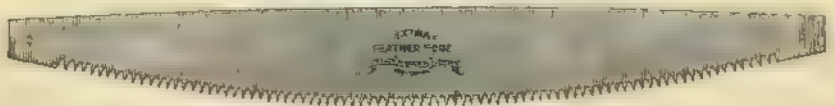
No. 1, Hollow Back, Champion Tooth, 5, 5½, 6, 6½, 7 feet, - - - - per foot, $0 40
" " " 5, 5½, 6, 6½, 7 " - - - - - " 38

With each Hollow Back Crosscut Saw is included one pair of Patent Handles.

COMMON TOOTH. Fig. 772

Common Tooth, Extra Thin Back, 14x18 Gauge, 5, 5½, 6, 6½, 7 feet, - - per foot, $0 55

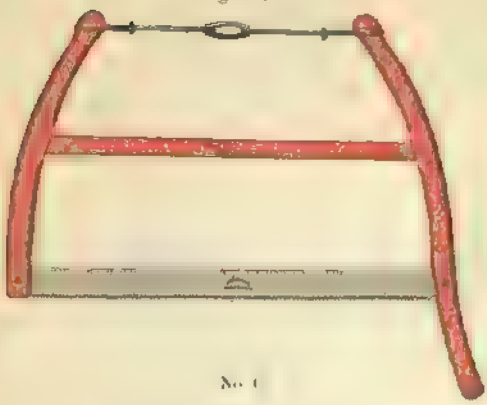
FEATHER EDGE TOOTH. Fig. 773.



Feather-Edge Tooth, Extra Thin Back, 14x18 Gauge, 5, 5½, 6, 6½, 7 feet, - - per foot, $0 58

Wood Saws, Complete.

Fig. 764.



No. 4

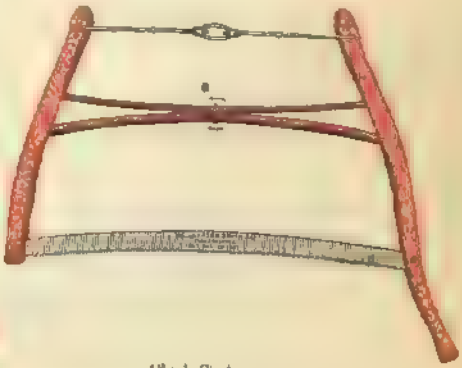
Fig. 765.

Happy Medium.

No. 4, Plain Frame, with No. 4 Cast Steel Blade, Clipper Rod, Complete,	per dozen,	$4 00
" 4, Red, " " 4 " " " " "	"	5 00
Happy Medium, Braced Frame, Plain, with No. 6 Cast Steel Blade, Clipper Rod, Complete,		[illegible]
" " Red, " 6 " " " " "	"	[illegible]
" " Plain, " 77 " " " " "	"	[illegible]

Fig. 766.

Fig. 767.



Clock Spring

XLCR, Axel-Braced Frame, Painted Red, London Spring Steel Blade,	per dozen,	$9 00
Clock Spring, Double " " " Blued Clock Spring "	"	10 50

No. 6, One Dozen in a Package; all others, One-half Dozen in a Box.

SIMMONS HARDWARE COMPANY

CAMP FURNITURE.

Fig. No. D7836

Folding Stools.

PER DOZEN

No. 650 Height 16 in., Seat 13 x 13 in., Weight 3 lbs. each, ... $6.00

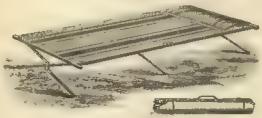
Fig. No. D7837

PER DOZEN.

No. 2—Folding **Camp** Chairs, Weight 4½ lbs. each, $18.00

No. 20— " **Lawn** " one size larger than No. 2, Weight 6¼ lbs. each, 22.50

Fig. No. D7838



Cut shows No. 1.

PER DOZEN.

No. 1 —Folding **Camp Beds,** 32 x 74 in., Weight 16 lbs. each, ... $36.00

No. 1½—**Camp Cots,** Canvas Covered, 18.00

Fig. No. D7839

Stools, with Back.

PER DOZEN.

No. 652—Height 16 in., Seat 13 x 13 in., Weight 4 lbs. each, ... $9.00

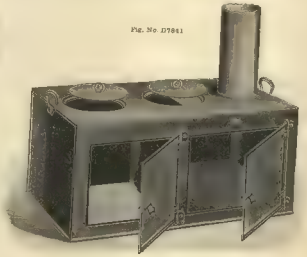
Fig. No. D7840.

Folding Camp Tables.

PER DOZEN

No. 3C—Top 27 x 38 in., Weight 17 lbs. each, . $36.00

Fig. No. D7841



Banner Camp Stoves.

A Perfect Baker and Good Heater.

Heavy Sheet Iron, **Japanned,** substantially built; the Flue is the same as in an ordinary Cooking Stove, fitted with a Damper to regulate the draught.

Dimensions: Length 29 in., Width 16 in., Height 14 in., Size of Holes 7 in. 6 feet of **Telescope** Pipe.

EACH.

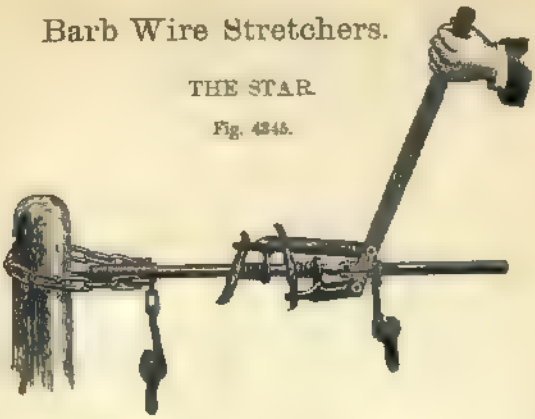
Banner Camp Stoves, ... $7.00

One in a Crate. Weight 35 lbs.

Barb Wire Stretchers.

THE STAR.

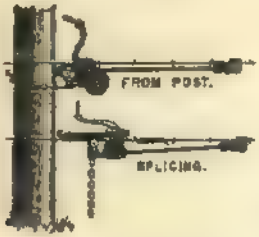
Fig. 4345.



No. 5, Star, Round Bar, with Chain, - - - - - per dozen, $12 00

THE GIANT.

Fig. 4346.



THE HOWE.

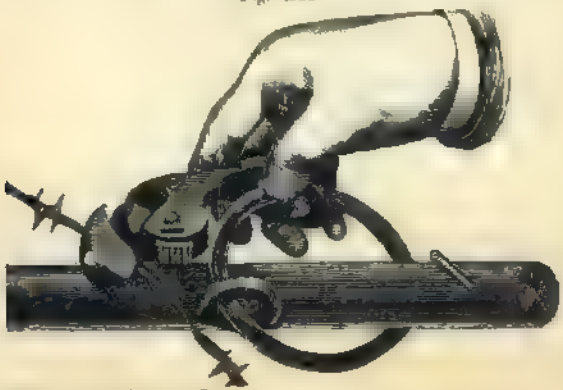
Fig. 4347.

No. 1, Big Giant, with Chain, - per dozen, $14 00
2, Little Giant, " - " 9 50

No. 3, Little Giant, Jr., with Rope, per dozen, $7 00
6, Howe, 3-ft. Wood Hdl., Steel Claw, " 9 00

THE COME-ALONG.

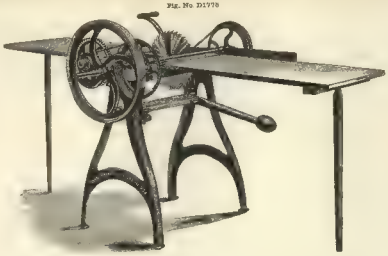
Fig. 4348.



No. 4, Come-Along, Malleable Iron, with Steel Jaws, - - - - - per dozen, $9 00

BARNES', HAND CIRCULAR RIP SAWS.

Fig. No. D1776



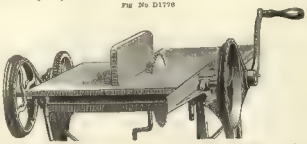
EACH

No. 11—Barnes', Hand Circular Rip Saws, Weight, complete, Boxed for Shipment, 275 lbs., . $50.00

This Machine will rip boards or planks of either hard or soft wood, of any thickness up to 3¾ in , and of any width up to 19 in It is especially adapted to shops without steam or water power, and will, as nearly as possible, take the place of a steam rip saw in quantity and quality of work. It requires little space, and is built mostly of steel and iron.

The lumber is placed between two feed rollers, which feed it to the saw The feed can be made slow or fast, as the operator may desire, by the cone pulleys on feed rolls. These rollers are self-adjusting to thick, thin or uneven lumber. The saw can be instantly set to or from the gauge to any width desired. With this Machine an operator with ordinary strength and endurance can easily rip (line measure) 600 feet of 1 in. pine per hour.

Fig No. D1778

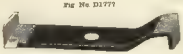


The above cut shows the Hand Circular Rip Saw with the front table placed directly over the Saw. The table is provided with an adjustable gauge, and by means of a hand screw at rear end it can be readily raised or lowered to govern the depth of cut by the saw. Arranged in this way, rabbets, bevels, tenons, etc., can be cut to advantage, and by using two saws, side by side, grooving for window and door stops, etc., can be done. We furnish an extra saw for this purpose with each Machine. The saws are 10 inches in diameter

CUTTER HEADS.

Fig. No. D1779

Fig No. D1777



EACH

No. 25—Cutter Heads, Widths, 5/16, 1/4, 3/16, 5/32, 1/8, 1/16, for Nos. 13, 15 and 17 Barnes' Combined Machines (Page 321), ... $1.50

They will cut either with or across the grain, or across the end of stuff. These are fitted to use on the Saw Mandrel of the Combined Machine for cutting grooves, gains, dadoes, rabbets, etc., joints for boxes, drawers, etc.

No. 27—Cutter Heads, with 1 pair of Straight Knives, for Nos. 13, 15 and 17 Barnes' Combined Machines (Page 321).

Inches,	¾	⅞	1	1¼	1½	1¾	2
Each,	$3.50	3.50	3.50	3.50	3.50	3.50	3.50

EACH.

Extra Knives, all Sizes, ... $0.75

Can be used to cut gains, dadoes, to rabbet, edge-up or joint stuff. Are used by builders to make window and door frames. Each width knife requires a corresponding width of cutter head.

SIMMONS HARDWARE CO. COMPANY.

SCROLL SAWS.

Fig No. D945

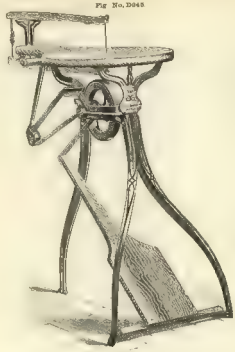
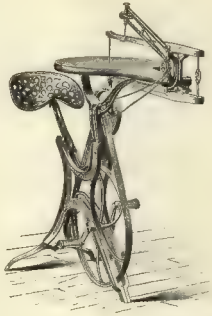


Fig No D946



Barnes', Improved.

EACH.

No. 45 Barnes', Treadle, with Twelve 7 in. Saw Blades, Assorted, ... $15.00

Swing around the Blade under the Arm, 24 inches; Length of Blade, 7 inches. Table and Arms of Hard Maple; Cast Iron Frame, strong, yet light; the Balance Wheel runs on Steel Arbors.

With reasonable practice, will saw at the following rates Pine, 3 inches thick, 1 foot per minute, 1 inch thick, 4 feet per minute. Walnut, 3 inches thick, ½ foot per minute; 1 inch thick, 2 feet per minute, and other woods and thicknesses at proportionate rates.

The ordinary rate of speed when sawing is from 800 to 1200 strokes per minute. The saw leaves the work as smooth as it is possible for any saw to do, and can be taken out and replaced in an instant for inside work.

Weight, Boxed, Ready for Shipment, 80 lbs.

EACH.

No. 51—Barnes', Velocipede, with Boring Attachment, including Twelve 7 in. Saw Blades, Assorted, ... $20.00

No. 53—Barnes', Velocipede, without Boring Attachment, including Twelve 7 in. Saw Blades, Assorted, ... 18.00

Cast Iron Frame; Table and Arms of Hard Maple, Swing around the Blade under the Arm, 24 inches; the Balance and Drive Wheels run on Steel Arbors.

This machine has about the same capacity as Scroll Saw No. 45, the warranty as to what that machine will do applying equally to this.

The Boring Attachment can be furnished at any future time, if not desired when ordering the machine. One 3/8 in. Bit is included with the Boring Attachment.

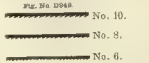
Weight, Boxed, Ready for Shipment, 130 lbs.

BARNES' BRACKET AND SCROLL SAW BLADES.

For Barnes' Scroll Saws and Barnes' Combined Machines.

Fig. No D947.

Fig. No D948



Barnes' Scroll Saw Blades.

PER DOZEN.

3/8 in. Wide, 7 in. Long, ... $0.75
3/16 in. Wide, 7 in. Long, ...75
1/4 in. Wide, 7 in. Long, ...75

One Dozen in a Package.

Barnes' Bracket Saw Blades.

PER DOZEN.

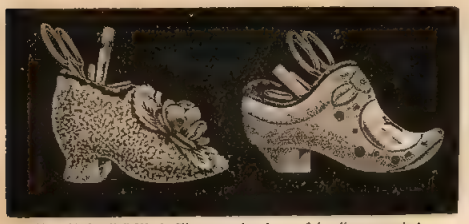
No. 6—7 in. Long, ... $0.25
No. 8—7 in. Long, ...25
No. 10—7 in. Long, ...25

Twelve Dozen in a Package.

BISQUE SEWING SETS.

No. 861. The "Cherub" Work Stand, colored bisque, contains 4 pieces of work fittings, 4 pieces in each package, assorted, 5 inches, per dozen $3 75

No. 863. "The Little Folks" Work Stand, colored bisque, contains 4 pieces of work fittings, 3 patterns assorted in a package of ½ dozen, 5 inches high .. per doz., $2 00

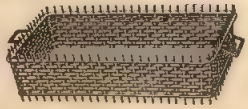


No. 862. "Cinderella" Work Slippers, colored porcelain slippers, with 4 pieces of work fittings, 3 patterns assorted in package of ½ dozen, 4½x2, $2 00

METAL TOILET BOXES.

No. 817 Small box, britannia, hand engraved cover, assorted engravings, hairpin, collar button or safety pin, silver plated, leader 25 cent article, 1 dozen in package..... ....per doz., $2 38

CELLULOID CARD BASKETS.



No. 1.	4x6x1¾, one-half dozen assorted colors in package	per doz., net,	$6 50
No. 2	5x8¾x1¾, one-third dozen assorted colors in package...	per doz., net,	9 00
No 31.	5x8x1⅛, one half dozen assorted colors in package.....	per doz., net,	6 50
No. 41.	5½x11⅞x2⅛, one-twelfth dozen assorted colors in package.....	per doz., net,	19 50
No. 51.	7¾x12½x2⅞, one-twelfth dozen assorted colors in package.....	per doz., net,	24 00
No 91	4½x7¼x1, one-half dozen assorted colors in package.	per doz., net,	8 50

NOTE. All without handles

No. 61 6¼ inches diameter by 9x1¾ inches deep, one-third dozen assorted colors in package ..per doz., net, $13 00

No. 11. 5¾ inches diameter by 1¾ inches deep, one-third dozen assorted colors in package .....per doz., net, $6 50

No. 21 6¼ inches diameter by 1¾ inches deep, one-third dozen assorted colors in package..... per doz., net, $9 00

READ THE PREFACE BEFORE ORDERING.

On orders for $50 00 or over, for Holiday Goods only, pages 1 to 113 (to those who have established credit with us), bills will be dated Nov. 1, 1893. No charges made for Boxes and Cartage.

DRESSED DOLLS.

No. 921.

No. 934

No. 932

No. 926.

No. 929 and 934.

BISQUE HEADS SHOWING TEETH JOINTED BODIES.

No. 913.

No. 928.	Boy's and girl's velvet costumes, 9 inches long, ½ doz. package..... per doz.	$2 25
No. 913.	Boy's and girl's fancy sailor costumes, 9 inches long, ½ doz package ... . per doz.	2 12
No. 915.	Boy's and girl's yachting costumes, 9 inches long, ½ doz. package .. .. per doz	2 25
No. 914.	Girl's fancy outing costume with cape, 9 inches long, ½ doz package . .. per doz.	2 25
No. 929.	School girls in costume, 9 inches long ½ doz. package, per dozen...	2 12
No. 954.	Infant's assorted flannel dresses with hoods, 11 inches long, ½ doz package.. . per doz.	4 50
No. 932.	Three assorted fancy dresses, 13 inches long, ½ doz package . . . . per doz.,	4 75
No. 916	Four assorted fancy cloth costumes, 11 inches long, ½ doz package .. . . per doz.,	4 50
No. 926.	Boy's fancy striped white flannel suit, 14 inches long, per dozen. .	9 00
No. 921.	Boy's cavalier fancy velvet, 15 inches long per doz.,	12 00
No. 746.	Two boys and two girls in Scotch costume, 10½ inches, ½ doz. package . . .. .. per doz.,	4 00

No. 928.

No. 916.

No. 746.

READ THE PREFACE BEFORE ORDERING.

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DRESSED DOLLS.

No. 944.

No. 659.

No. 752. All satin dress, lace trimmed bonnet to match, 15 inches ..... per doz., $12 00
" 752. Scotch plaid costume, 15 inches..... " " 12 00
" 756. Fancy toboggan costume, hat to match Astrachan trimmed, 15 inches.....per doz., 12 00
" 757. Red Riding Hood costume, satin trimmed hat to match, 15 inches.....per doz., 13 50
" 751. Belgian costume, satin straw hat trimmed to match, 15 inches. .....per doz., 13 50
" 753. Long baby costume, 12 inches..... " " 6 00

NURSING DOLLS.

Jointed doll in chair with nursing bottle, emptying the same.
No. 0. Length 18 inches.....per doz., 16 50

No. 922.

No. 924.

No. 934.

DRESSED DOLLS—TAILOR MADE COSTUMES.

Jointed body and wrists, moving eyes, teeth, latest model head, tailor made dresses in the latest American fashion.

No. 1. 14 inches.....per doz., $ 60 00
" 2. 15 " ..... " " 72 00
" 3 16½ " ..... " " 90 00
" 4 19 " ..... " " 126 00
" 5 22 " ..... " " 180 00
" 6. 24 " ..... " " 216 00

PREMIER DRESSED DOLL—BEBE STEINER.

No. 660. Papier mache body, double jointed, jointed wrists, human eyes, shoes and stockings, promenade costumes, length 14 inches.....per doz., $60 00
" 659. Same as No. 660, but larger, length 18 inches, " " 90 00

BISQUE HEADS, FLOWING HAIR, FULL JOINTED BODIES, TEETH, SHOES AND STOCKINGS.

No. 924. 14 inches fancy yachting costume.....per doz., $ 9 00
" 923. 14 " velvet promenade costume..... " " 10 50
" 934. 15½ " coaching costume with jacket .. " " 12 00
" 940. 16 " cloth promenade costume .. . " " 12 00
" 938. 16 " Lapland costume ..... " " 12 00
" 922. 15 " boy in velvet jockey suit..... " " 12 00
" 927. 14 " Scotch plaid costume with cape.... " " 9 00
" 925. 14 " little dewdrop costume of fancy flannel, per dozen..... 10 50
" 944. 22 " satin reception dress .....per doz., 36 00
" 936. 19½ " satin trimmed walking costume..... " " 24 00

No. 753.

No. 757.

No. 756.

No. 923.

No. 940.

No. 938

READ THE PREFACE BEFORE ORDERING.

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SIMMONS HARDWARE COMPANY

STONE CUTTERS' TOOLS.

Fig No D145

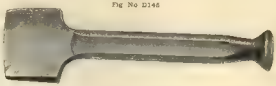
Stone Cutters' Points.

Solid Cast Steel

PER POUND.

Mallet Head, ⅞ in. Steel, 9 in. long, . . $

Fig No D146



Pitching Tools

Solid Cast Steel.

PER POUND

Mallet Head, ⅞ in. Steel, 9 in. long, . $

Fig No D146

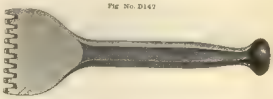
Stone Cutters' Chisels, without Teeth.

Solid Cast Steel.

PER POUND

Mallet Head, ¾, 1, 1⅛, 1⅛, 1¾ and 2 in., ⅞ in. Steel, $

Fig No. D147



Stone Cutters' Chisels, with Teeth.

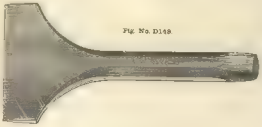
Solid Cast Steel.

PER POUND.

Mallet Head, ¾, 1, 1¼, 1½, 1¾ and 2 in., ⅞ in. Steel, $

BRICKLAYERS' TOOLS.

Fig. No. D148



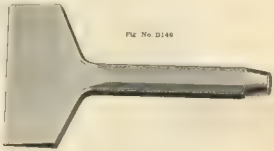
Bricklayers' Chisels.

Solid Cast Steel.

PER POUND.

Bricklayers'—Assorted, with 3½, 4 and 4½ in. Blades, ⅞ in. Steel, . . . $

Fig No. D149



Bricklayers' Sets.

Solid Cast Steel.

PER POUND.

Bricklayers'—4½ in. Blade, Beveled Edge, ⅞ in. Steel, . . . $

Packed Loose

SIMMONS HARDWARE COMPANY

BLACKSMITHS' TOOLS.

Best Quality Forged Steel.

Fig No D150

Punches. Round Eye.

PER POUND.

Punches—Forged Steel, Oil Finished, ¼, 5/16, ⅜, ½ and ⅝ in., . $

Fig No D161

Hot Chisels.

PER POUND.

No. A—Hot Chisels, Forged Steel, Oil Finished,
- 1½ lbs., . $
- 2, 2½ and 3 lbs., . $

Fig No D152

Cold Chisels.

PER POUND.

No. B—Cold Chisels, Forged Steel, Oil Finished,
- 1½ lbs., . . . $
- 2, 2½ and 3 lbs., . . . $

Fig No D153

Set Hammers.

PER POUND.

Set Hammers—Forged Steel, Oil Finished,
- 1 in., . . . $
- 1¼, 1½, 1¾ and 2 in., . $

Fig. No. D154.

Bottom Swedges.

PER POUND.

Bottom Swedges—Forged Steel, Oil Finished, ¼, 5/16, ⅜, ½, 9/16, ¾, ⅞, 1, 1⅛, 1¼, 1⅜, 1½, 1⅝, 1¾, 2, 2¼ and 2¾ in., . $

Fig No D155.

Top Swedges.

PER POUND.

Top Swedges—Forged Steel, Oil Finished, ¼, 5/16, ⅜, ½, 9/16, ¾, ⅞, 1, 1⅛, 1¼, 1⅜, 1½, 1⅝, 1¾, 2, 2½ and 2¾ in., . . . $

Fig No D156

Flatters—Square Head.

PER POUND.

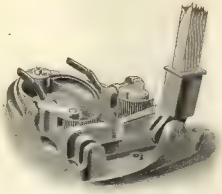
Flatters—Square Head, Forged Steel, Oil Finished, 2, 2½, 3 and 3½ in., . $

Packed Loose.

SIMMONS HARDWARE COMPANY

TIRE SHRINKERS.

Fig No D1374

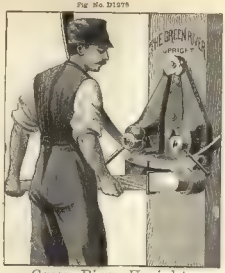


Green River Horizontal.

EACH.

No. 1—Horizontal, Works equally well on the lightest Steel Tire, and on Wagon Tire 3 in. wide, Weight, 160 lbs., ... $17.50

Fig No D1375



Green River Upright.

EACH.

No. 0—Upright, works equally well on the lightest Steel Tire, and on Wagon Tire $^{5}/_{16}$x2 in., Weight, 100 lbs., $15.00

No. 2—Upright, works equally well on the lightest Steel Tire, and on Wagon Tire 1x4 in., Weight, 200 lbs., 20.00

TIRE MEASURING WHEELS.

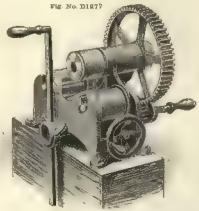
Fig No D1376

EACH.

No. 606—New Lightning Tire Measuring Wheels, Graduated, 24 inch in Circumference, with Index Hand, . $1 50

TIRE BENDERS.

Fig No D1377

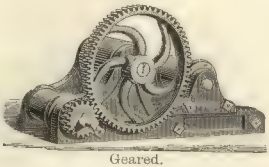


Green River.

EACH

No. 2/L—For Light and Medium Work, will bend accurately Tires from the lightest to $^{3}/_{8}$ in. thick. The circle to be made is fixed by means of a right and left hand screw, operated by the hand wheel, acting equally upon the two lower rollers. The rollers are 3 in. wide, Weight, 140 lbs , . $25 00

Fig No D1378



Geared.

EACH.

No. 2—Geared, Turned Rollers and Bearings, with Crank, Bends $3^{1}/_{4}$ in. Tire or smaller to a Circle 30 inches Diameter or larger, Weight, 86 lbs , $10.00

BOYS' WAGONS.

Fig. No. D4244.

Iron, Fancy Painted, without Seats.

Nos.,	**04**	**03**	**02**	**0**	**1**	**2**	**3**
Size of Body, inches,	9 x 18	10 x 20	11 x 22	12 x 24	13 x 26	14 x 28	15 x 30
Tinned Iron Wheels, inches,	6 x 9	7 x 10	8 x 11	9 x 13	10 x 14	12 x 16	14 x 18
PER DOZEN,	$18.00	21.00	24.00	30.00	33.00	38.00	40 00

Front Wheels Turn Under.

One-half Dozen in a Crate. Weight per Dozen, No. 04, 110 lbs.; No. 03, 132 lbs.; No. 02, 155 lbs.; No. 0, 210 lbs., No. 1, 275 lbs.; No. 2, 320 lbs.; No. 3, 340 lbs.

SEATS.

Fig. No. D4246.

PER DOZEN.

Seats, for Nos. 0, 1 and 3 Boys' **Iron** Wagons, $6.00

SHAFTS.

Fig. No. D4246.

PER DOZEN PAIRS.

Shafts, for Boys' **Iron** Wagons, . . $18.00

BOYS' BUCKBOARD WAGONS.

Fig. No. D4247.

PER DOZEN.

No. 91—Boys' Buckboard Coasters, Length 42 in., Wheels 12 x 18 in., Half Oval Tires, Hub Caps, Seat and Dasher Painted, Other Parts Striped and Varnished on the Wood, Wagon is Guided by the Shafts and Speed Regulated by the Brake Attachment; Front Wheels Turn Under, $72.00

Weight Each, Crated, 65 lbs.

GOAT SULKIES.

Fig. No. D4248.

PER DOZEN

No. 1—Goat Sulkies, without Harness, Hickory Shafts, Painted Red, Steel Springs, Steel Wheels 22 in. in Diameter; Whip Socket, Foot Rest, Springs, Axle and Wheels are Tinned, . $48.00

Weight Each, Crated, 30 lbs.

PER DOZEN SETS

Harness, for Goat Sulkies, as shown in Illustration, $30 00

SIMMONS HARDWARE COMPANY

BOYS' WAGONS.

Fig. No. D4940

Fig. No. D4941

Wood Axle, Varnished and Lettered, Wood Tongue Attachment.

	PER DOZEN.
"Boss," Body **8 x 16 in.,** Wheels 6 x 8 in.,	$7.00
No. 15—Body **10 x 20 in.,** Wheels 8 x 32 in.,	9.00

One-half Dozen in a Crate.

Weight per Dozen, Boss, 25 lbs.; No. 15, 50 lbs.

Iron Axle, Varnished and Lettered.

	PER DOZEN.
No. 70—Iron Tongue Attachment, Body **12 x 24 in.,** Wheels 10 x 14 in.,	$16.00
No. 070 Wood Tongue Attachment, Body **12 x 24 in.,** Wheels 10 x 14 in.,	14.00

One-half Dozen in a Crate.

Weight per Dozen, Nos. 70 and 070, 88 lbs.

Fig. No. D4942

Iron Axle, Malleable Iron Tongue Attachment and Fifth Wheel Combined.

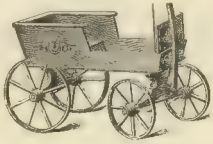
	PER DOZEN.
No. 170 "Rover," 12 x 24 in., Ash Body, **Varnished** and Lettered, Top Rail Painted Red, **Wood Wheels 10 x 14** in., Iron Boxes in Hubs,	$18.00
No. 270 "Rover," 12 x 24 in., Ash Body, **Varnished** and Lettered, Top Rail Painted Red, **Tinned Iron Wheels 10 x 14 in.,** Iron Boxes in Hubs,	25.00
No. 107—"Rover," 13 x 26 in., Ash Body, **Painted Red** and Lettered, **Wood Wheels 10 x 14 in.,** Iron Boxes in Hubs,	24.00
No. 207—"Rover," 13 x 26 in., Ash Body, **Painted Red** and Lettered, **Tinned Iron Wheels 10 x 14 in.,** Iron Boxes in Hubs,	30.00

One-half Dozen in a Crate. Weight per Dozen, Nos. 170 and 270, 190 lbs.; Nos. 107 and 207, 240 lbs.

Front Wheels Turn Under.

BABY WAGONS.

Fig. No. D4943



Varnished Body, Malleable Iron Tongue Attachment and Fifth Wheel Combined.

	PER DOZEN.
No. 121—Wood Wheels 10 x 14 in., Body 13 x 26 in., **Iron Axle,** Complete with Whip,	$27.00
No. 122—Steel Wheels 10 x 14 in., Body 13 x 26 in., **Iron Axle,** Complete with Whip,	36.00

Front Wheels Turn Under.

One-third Dozen in a Crate. Weight per Dozen, No. 121, 265 lbs.; No. 122, 340 lbs.

COAL HODS.

Fig. No. D4387.

Regular Pattern.

Japanned, Plain,	Inches,	**15**	**16**	**17**	**18**	**20**
	Per dozen,	$6.60	7.80	8.50	10.00	12.00

Fig. No. D4388

Japanned, Striped.

Fig. No. D4389

Regular Pattern.

Galvanized, Plain.

Inches,	**16**	**18**
Per dozen,	$9.25	12.00

Inches,	**15**	**16**	**17**	**18**	**20**
Per dozen,	$9.00	10.40	12.10	13.25	16.00

Fig. No. D4390

Funnel Pattern.

Japanned, Funnel, Plain,	Inches,	**16**	**17**	**18**
	Per dozen,	$10.40	11.00	11.50

Fig. No. D4391

Japanned, Funnel, Striped.

Fig. No. D4392

Galvanized, Funnel, Plain.

Inches,	**16**	**17**	**18**
Per dozen,	$12.75	13.50	14.00

Inches,	**16**	**17**	**18**
Per dozen,	$15.00	16.00	16.86

BRASS COAL HODS.

Fig. No. D4384

	EACH
No. 50—Brass Coal Hods, Plain Pattern, . .	$4 50

BRASS COAL VASES.

Fig. No. D4385

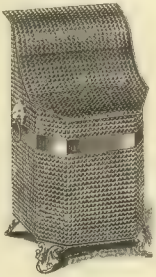


Fig. No. D4386

No. 326B has Stand in Rear for Attaching Shovels, Tongs and Poker.

Brass Coal Vases.

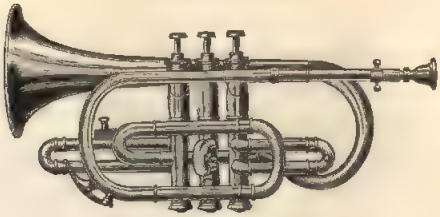
	EACH.		EACH.
No. 405A—With Inside Reservoir, Diamond Pattern,	$11.00	**No. 326B**—With Inside Reservoir, Polished Brass Body, Top and Base Cast Iron, Finished in Copper Antique, . .	$15 00

BAND INSTRUMENTS.

LIGHT ACTION—SILVER PISTON.

With Water Keys and German Silver Mouthpieces.

M. BRETON & CIE.



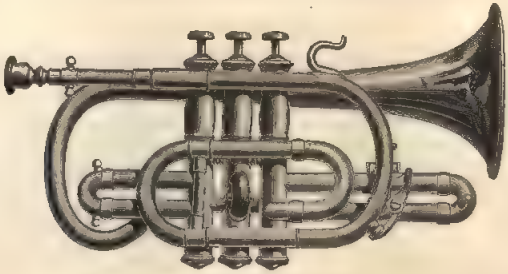
Bb CORNET.

No. 1561.	Brass, with pebbled leather case	each, $13 00
" 1562.	" nickel-plated, with pebbled leather case	" 15 00
" 1563.	" silver-plated, satin finish, with pebbled leather case	" 21 00
" 1564.	" " " burnished, " " "	" 23 00

Eb CORNET.

No. 1565.	Brass, with pebbled leather case	each, $12 00
" 1566.	" nickel-plated, with pebbled leather case	" 14 00
" 1567.	" silver-plated, satin finish, with pebbled leather case	" 20 00
" 1568.	" " " burnished, " " " "	" 22 00

LIGHT ACTION—FRENCH MANUFACTURE.



H. La BONTE & CIE.

Eb CORNET.

German Silver Pistons and Mouthpieces, with Water Keys.

No 1569.	Brass, with pebbled leather case	each, $14 00
" 1570.	" nickel plated, with pebbled leather case	" 16 00
" 1571	" silver-plated, satin finish, with pebbled leather case	" 22 00
" 1572.	" " " burnished, " " " "	" 24 00

Bb CORNET.

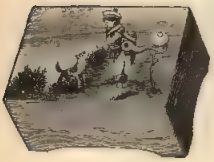
German Silver Pistons and Mouthpieces, with Water Keys.

No. 1573.	Brass, with pebbled leather case	each, $15 00
" 1574.	" nickel plated, with pebbled leather case	" 17 00
" 1575.	" silver-plated, satin finish, with pebbled leather case	" 23 00
" 1576.	" " " burnished, " " " "	" 25 00

MUSICAL BOXES.

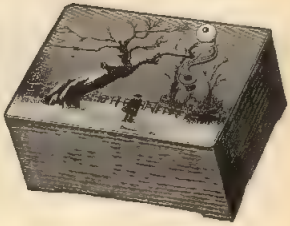
No. 1577

No. 1578.



No. 1580

No. 1583.



No. 1582.

CRANK MOVEMENTS.

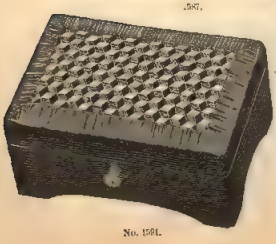
No. 1577	1 air	12 teeth,	round nickel case, chromo top.	each,	$0 45
" 1578	1 "	18 "	" " " " "	"	60
" 1579	1 "	28 "	oblong, papier mache case, chromo top.	"	80
" 1580	2 airs	18 "	" wood case, chromo top	"	85
" 1581	2	36 "	large round nickel case, chromo top	"	1 05

CRANK MOVEMENTS—Larger Size.

No. 1582.	2 airs,	60 teeth,	oblong wood case, chromo top	each	$1 60
" 1583.	2	36 "	toy hand organ " " size, 5x8x5 inches	"	1 60

1587.

No. 1590.



No. 1591.

SPRING MOVEMENTS—With Attached Key.

No. 1584.	2 airs,	2 ½ inch cylinder self changing papier mache case chromo top etc	each	$2 50
1585.	3 "	2¾ " " " " " "	"	4 35
1586	4 "	2¾ " " " " " "	"	5 35
" 1587	2	3½ " natural color wood case chromo top.	"	2 75
" 1588	3	3 " " " " " "	"	4 35
" 1589.	4	3 " " " " " "	"	5 25
" 1590.	4 "	2¾ " " " wood case, Swiss carved, with oil painted landscape on panel	each	6 50
" 1591.	3 airs,	3 inch cylinder self-changing, fine silver maple case, with fancy inlaid top, each		5 75
" 1592.	4 airs,	3 inch cylinder, self-changing, fine rosewood case, with fancy inlaid top	each	5 50
" 1593.	6 "	3 " " " " " " " " " "	"	6 75

Broad or Bench Hatchets.

Fig. 24.

EXCELSIOR.

No. 1,	Cast Steel,	Gold Bronzed,	Cut	4	inches,		per dozen,	$10 50
2,	"	"	"	4½	"		"	11 50
3,	"	"	"	5	"		"	13 00
4,	"	"	"	5½	"		"	14 50
5,	"	"	"	6	"		"	16 50
6,	"	"	"	6½	"		"	18 00
7,	"	"	"	7	"		"	19 50
8,	"	"	"	7½	"		"	22 00

One Dozen in a Box

Hatchets.

Fig 25

Fig. 26.

EXCELSIOR SHINGLING.

Gold Bronzed.

No. 1,	Cast Steel,	Cut 3½ in.,	-	per dozen,	$ 8 00
2,	"	" 4 "		"	8 50
3,	"	" 4½ "	-	"	9 00

EXCELSIOR, Silver Steel, SHINGLING.

Full Polished.

No. 1,	Cast Steel,	Cut 3½ in.,	-	per dozen,	$10 50
2,	"	" 4 "		"	11 00
3,	"	" 4½ "	-	"	11 50

RED CLOUD SHINGLING.

Painted Red.

No. 1,	Cast Steel,	Cut 3½ in.,	-	per dozen,	$ 7 00
2,	"	" 4 "		"	7 50
3,	"	" 4½ "	-	"	8 00

EXCELSIOR HALF.

Gold Bronzed.

No. 1,	Cast Steel,	Cut 3½ in.,	-	per dozen,	$ 8 50
2,	"	" 3¾ "		"	9 00
3,	"	" 4 "	-	"	9 50

EXCELSIOR, Silver Steel, HALF.

Full Polished.

No. 1,	Cast Steel,	Cut 3½ in.,	-	per dozen,	$11 00
2,	"	" 3¾ "		"	11 50
3,	"	" 4 "	-	"	12 00

RED CLOUD HALF.

Painted Red.

No. 1,	Cast Steel,	Cut 3½ in.,	-	per dozen,	$ 7 50
2,	"	" 3¾ "		"	8 00
3,	"	" 4 "	-	"	8 50

One half Dozen in a Box.

BRONZE FIGURES.

No. 2019 ..... Arminius $9.00

Height, 13¾ inches; Length, 10¾ inches.

No. 1119 ..... Amazon $9 00

Height, 12½ inches; Length of Base 9 inches.

BRONZE FIGURES.

No. 775..... Science... ..... $3.33
Height, 8 inches, Length 8 inches

No. 1247.....Le Sage.....$3.00
Height, 7¼ inches; Length, 7¾ inches

No. 1248..... Commerce..... $2.00
Height, 7¼ inches, Length, 6 inches

No. 205.....Ajax.....$2.50
Height, 8¾ inches; Width of Base, 3⅛ inches,

No. 106.....Horse.....$2.75
Height, 7½ inches, Length, 9½ inches

No. 1383.....Lion.....$2.50
Height, 4¾ inches; Length 7 inches.

Hatchets.

Fig. 35

Shingling.

Fig. 36.

Half.

BLOOD'S.

No. 2,	Shingling,	Cast Steel,	Blued and	Etched,	Cut	3½ in.,	-	-	-	-	per dozen, $11 00
2,	Half,	"	"	"	"	3¾ "	-	-	-	-	" 11 50
2,	Lath,	"	"	"	"	2¾ "	-	-	-	-	" 11 00

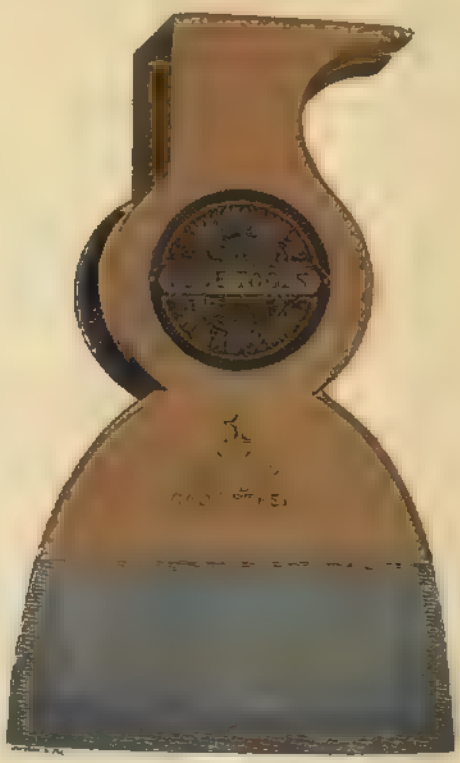
One-half Dozen in a Box.

Hatchets.

Fig. 33

Lath.

Fig. 34.



Claw.

C. HAMMOND'S.

No. 1,	Cast Steel	Lath,	Gold Brooxed,	Cut 2½ in.,		per dozen,	$ 8 00
2,	"	"	"	" 2¾ "		"	8 50
1,	"	Claw,	"	" 3½ "		"	9 00
2,	"	"	"	" 3¾ "		"	9 50
3,	"	"	"	" 4 "		"	10 00

All with extra White Hickory Handles.

One-half Dozen in a Box.

Hatchets.

Fig. 39

Shingling

Fig. 40.

Half.

GERMANTOWN PATTERN.

Solid Cast Steel, Round Head, Octagon Neck, Gold Bronzed.

No. 316½,	Size 1,	Shingling,	Cut 3½ in.,	- - - - - -	per dozen,	$13 50
317,	" 2,	"	" 4 "	- - - - - -	"	14 00
317½,	" 1,	Half,	" 3 "	- - - - - -	"	13 50
318,	" 2,	"	" 3½ "	- - - - - -	"	14 00

One-half Dozen in a Box.

Hatchets.

Fig. 37

Shingling

Fig. 38

Half.

GERMANTOWN, STANDARD.

No. 326,	Size	1,	Shingling.	Solid	Cast	Steel,	Olive	Bronzed,	Cut	3½	in.,	per dozen,	$10	00
328,	"	2,	"	"	"	"	"	"	"	3¾	"	"	10	50
330,	"	3,	"	"	"	"	"	"	"	4¼	"	"	11	00
336,	"	1,	Half,	"	"	"	"	"	"	3½	"	"	10	00
338,	"	2,	"	"	"	"	"	"	"	3¾	"	"	10	50
340,	"	3,	"	"	"	"	"	"	"	4¼	"	"	11	00

One-half Dozen in a Box.

Hatchets.

Fig. 31.

Shingling

Fig. 32.

Half.

C. HAMMOND'S.

| | | |

Hatchets.

Fig. 27.

Fig. 28.

EXCELSIOR LATH.—Gold Bronzed.

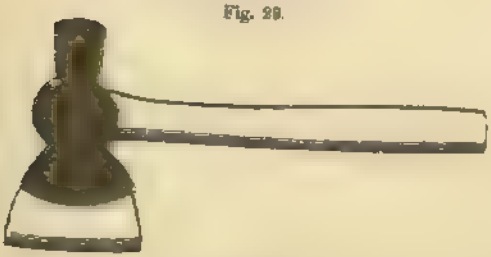
No. 1, Cast Steel, Cut 2¼ in., - per dozen, $3 00
2, " " 2⅜ " " 5 50

EXCELSIOR CLAW.—Gold Bronzed.

No. 1, Cast Steel, Cut 3¼ in, - per dozen, $ 9 00
2, " " 4 " - " 9 50
3, " " 4½ " - " 10 00

CAST SHINGLING.

Fig. 29.



No. 1.

CAST STEEL WAREHOUSE.

Fig. 30.

No. 650

No. 1, Cast Shingling, Bronzed, Polished Bit, Cut 3¼ in. - - - - per dozen, $2 50
650, Cast Steel Warehouse, Polished Bit, Iron Handle with Claw, Weight each, 3 lb. 14 oz., Cut 3¼ in " 15 00

GOPHER TRAPS.

Fig No D3692

Gopher Traps.

	PER DOZEN.
California, Japanned, Spring Steel Wire, Length 6¼ in., . . .	$4.00

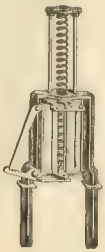
One Dozen in a Box. Weight per Dozen, 3 lbs.

MOLE TRAPS.

Fig No D3693

Hale's.

Fig No D3694



Olmsted's.

	EACH.
Hale's, Length 23¼ in., ...	$3.25

Packed Loose. Weight Each, 4 lbs.

	EACH.
Olmsted's, "Reliable," Length 11 in., .	$2.25

One in a Box. Weight Each, 3 lbs.

STEEL TRAPS.

☞ **In ordering Traps, never abbreviate, write Name in full, viz.: "Oneida All Steel," "Genuine Newhouse," "Newhouse Pattern," "Hawley & Norton."**

Fig No D3695

Cut showing Single Spring Trap.

Oneida, All Steel.

Single Spring, with Wire Chain.

	PER DOZEN.
No. 0 —Rat or Gopher, Spread of Jaws 3½ in.,	$4.25
No. 1 —Muskrat, Spread of Jaws 4 in.,	5.00
No. 1½—Mink, Spread of Jaws 4½ in.,	7.50

Double Springs, with Wire Chain.

	PER DOZEN
No. 2—Fox, Spread of Jaws 4⅞ in.,	$10.50
No. 3—Otter, Spread of Jaws 5½ in.,	14.00
No. 4—Beaver, Spread of Jaws 6½ in.,	16 50

Weight per Dozen, No. 0, 5 lbs.; No. 1, 8 lbs.; No. 1½, 11 lbs.; No. 2, 17 lbs.; No. 3, 25 lbs.; No. 4, 27 lbs.

Fig No D3696

Fig No D3697

Genuine Newhouse.

Single Spring, with Wire Chain.

	PER DOZEN.
No. 0 Rat or Gopher, Spread of Jaws 3½ in.,	$4.25
No. 1 —Muskrat, Spread of Jaws 4 in.,	5.00
No. 1½—Mink, Spread of Jaws 4½ in.,	7 50

Double Springs.

	PER DOZEN.
No. 2 Fox, Spread of Jaws 4⅞ in., with Wire Chain,	$10.50
No. 3 Otter, Spread of Jaws 5½ in., with Wire Chain,	14.00
No. 4—Beaver, Spread of Jaws 6½ in., with Wire Chain,	16.50
No. 5 Bear, Spread of Jaws 11¾ in., Wtd. Heavy Chain, Swivel and Ring.	140.00
No. 6—Bear, Spread of Jaws 16 in., Wtd. Heavy Chain, Swivel and Ring.	280.00

Weight per Dozen, No. 0, 6 lbs.; No. 1, 10 lbs.; No. 1½, 15 lbs.; No. 2, 18 lbs.; No. 3, 28 lbs.; No. 4, 36 lbs.; No. 5, 216 lbs.; No. 6, 514 lbs.

Newhouse Pattern.

Single Spring, with Wire Chain.

	PER DOZEN.
No. 0 -Rat or Gopher, Spread of Jaws 3½ in.,	$4.25
No. 1 Muskrat, Spread of Jaws 4 in.,	5 00
No. 1½- Mink, Spread of Jaws 4½ in.,	7.50

Double Springs, with Wire Chain.

	PER DOZEN.
No. 2—Fox, Spread of Jaws 4⅞ in.,	$10.50
No. 3—Otter, Spread of Jaws 5½ in.,	14 00
No. 4—Beaver, Spread of Jaws 6½ in.,	16.50

Hawley & Norton.

Single Spring, with Wire Chain.

	PER DOZEN.
No. 0 —Rat or Gopher, Spread of Jaws 3½ in.,	$4 25
No. 1 —Muskrat, Spread of Jaws 4 in.,	5 00
No. 1½—Mink, Spread of Jaws 4½ in.,	7.50

Double Springs, with Wire Chain.

	PER DOZEN.
No. 2—Fox, Spread of Jaws 4⅞ in.,	$10.50
No. 3—Otter, Spread of Jaws 5½ in.,	14.00
No. 4—Beaver, Spread of Jaws 6½ in.,	16 50

Weight per Dozen of Newhouse Pattern and Hawley & Norton, No. 0, 6 lbs.; No. 1, 9 lbs.; No. 1½, 13 lbs.; No. 2, 16 lbs., No. 3, 25 lbs.; No. 4, 28 lbs.

AWLS.

Fig No. D404.

Scratch.

PER DOZEN.

No. 1—Cast Steel, with Polished Handle, . . $1.00

Fig. No. D405.

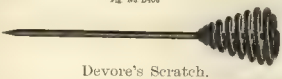
Scratch.

PER DOZEN.

Socket, Solid Cast Steel, ... $2.25

One Dozen in a Box.

Fig No D406



Devore's Scratch.

PER DOZEN.

Devore's—Steel Wire, Tinned Handle, . . $1.75

One Dozen in a Box

Fig. No. D407

Handled Brad.

Extra Cast Steel.

PER DOZEN.

No. 1—Assorted, **Plain Polished Handle**, $1 25

No. 2—Assorted, **Black Handle**, . . 1 50

No. 1, Three Dozen; No. 2, Two Dozen in a Box.

Fig. No. D408.

Belt Awls.

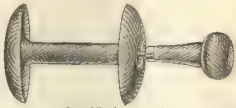
PER DOZEN.

Solid Cast Steel, with Polished Handle, . $2.25

One Dozen in a Box.

CHALK LINE REELS.

Fig No. D409



Cut of Reel with Awl.

PER DOZEN.

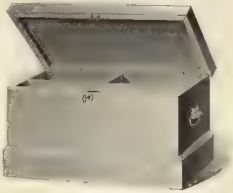
No. 14—With Steel Scratch **Awl**, . . $1.00

No. 12—Without Awl, ...50

No. 14, One Dozen; No. 12, Three Dozen in a Box.

CARPENTERS' TOOL CHESTS.

Fig No D410



Without Tools.

Nicely Painted, with Strong Lock and Handles.

EACH.

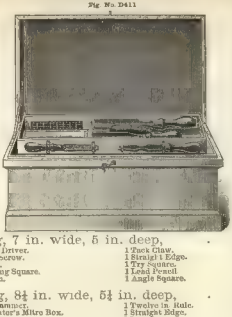
No. 1G—Depth, 12 in., **Width, 10 in., Length, 20 in.,** Inside Measurements, $4 00

No. 2G—Depth, 12 in., **Width, 15 in., Length, 30 in.,** Inside Measurements, ... 5 50

No. 3G—Depth, 12 in., **Width, 20 in., Length, 36 in.,** Inside Measurements, . 7.00

TOOL CHESTS, COMPLETE.

Fig No. D411



No. A Boys', 8½ in. long, 4½ in. wide, 2¾ in. deep, . each, $0.40

1 Hammer.
1 Rule.
1 Hand Saw.
1 Lead Pencil.
1 Drawing Square.
1 Crayon.
1 Try Square.
1 Mitre.
1 Triangle.
1 Plumb Bob.
Nails.
Tacks.

No. B Boys', 11 in. long, 5¾ in. wide, 4 in. deep, . each, $0.80

1 Hand Saw.
1 Hammer
3 Try Square
1 Firmer Chisel, handled.
1 Bitmet
1 Lead Pencil.
1 Screw Driver.
1 Rule.
1 Mallet.
1 Triangle.
1 Crayon.
1 Nail Punch.
1 Plumb Bob
Nails, Tacks, Sand Paper, Screws.

No. C—Boys', 1 ft. 1½ in. long, 7 in. wide, 5 in. deep, . . each, $1.15

1 Hand Saw.
1 Nail Hammer.
1 Rule.
1 Firmer Chisel, handled.
1 Nail Gimlet.
1 Screw Driver.
1 Hand screw.
1 Mallet.
1 Drawing Square.
1 Crayon.
1 Tack Claw.
1 Straight Edge.
1 Try Square.
1 Lead Pencil
1 Angle Square.
1 Nail Set.
1 Piece sand Paper
1 Brad Awl, handled.
1 Iron Square
1 Plumb Bob.
Nails, Tacks and Screws.

No. D—Boys', 1 ft. 3½ in. long, 8½ in. wide, 5½ in. deep, . . each, $1.55

1 Hand Saw.
1 Smooth Plane.
1 Lead Pencil.
1 Hand Screw.
1 Reel.
1 Pocket Knife.
1 Nail Hammer.
1 Carpenter's Mitre Box.
1 Mallet.
1 Cold Chisel.
1 Try Square.
1 Piece Sand Paper.
1 Twelve in Rule.
1 Straight Edge.
1 Iron Square
1 Firmer Chisel, handled.
1 Triangle.
1 Screw Driver.
1 Hatchet
1 Drawing Square
1 Nail Punch.
1 Nail Gimlet.
Nails.
Tacks and Screws.

No. E Boys', 1 ft. 4½ in. long, 9½ in. wide, 5¾ in. deep, . . each, $2.25

1 Smooth Plane.
1 Hand Saw.
1 Mallet.
1 Screw Driver.
1 Nail Hammer.
1 Rule.
1 Hand Screw.
1 Steel Regulator.
1 Firmer Chisel, handled.
1 Crayon.
1 Nail Gimlet.
1 Drawing Square.
1 Try Square.
1 Marking Gauge.
1 Brad Awl, handled.
Nails, Tacks and Screws.

No. F Boys', 1 ft. 5½ in. long, 9½ in. wide, 6½ in. deep, . . each, $3.00

1 Smooth Plane.
1 Hand Saw.
1 Mallet.
1 Screw Driver.
1 Nail Hammer.
1 Rule.
1 Mitre Box.
1 Hand Screw.
1 Brad Awl, handled.
1 Firmer Chisel, handled.
1 Triangle.
1 Crayon.
1 Ball Brace.
2 Nail Gimlet.
1 Pencil.
1 Try Square.
1 Cold Chisel.
1 Chalk Line Reel.
1 Marking Gauge.
1 Carpenters' Templet.
1 Nail Punch.
1 Bench Vise.
1 Brace Bit.
Nails, Tacks and Screws.

No. G—Boys', 1 ft. 4½ in. long, 9½ in. wide, 6 in. deep, . . each, $3.75

1 Hand Saw.
1 Cast Steel Firmer Chisel, handled.
1 Cast Steel Screw Driver.
1 Lead Pencil.
1 Smooth Plane
1 Marking Gauge
1 Cast Steel Nail Gimlet.
1 Regulator.
1 Nail Hammer.
1 Hatchet.
1 Bench Vise.
1 Drawing Square.
1 Brad Awl, handled
1 Hand Screw.
1 Carpenter's Templet.
1 Angle Square.
1 Twelve in. Rule.
1 Chalk Line Reel
1 Straight Edge.
1 Try Square.
1 Bit Brace.
1 Carpenter's Bit Stock.
1 Steel Bracket Saw Frame.
1 Nail Hammer.
Tacks, Nails and Screws.

No. H—Boys', 1 ft. 5½ in. long, 9¾ in. wide, 6¾ in. deep, . . each, $5.50

1 Hand Saw.
1 Marking Gauge
2 Brad Awls, handled.
1 Smooth Plane.
1 Mallet.
1 Try Square.
1 Cast Steel Firmer Chisel, handled.
1 Cast Steel Firmer Gouge, handled.
1 Triangle.
1 Drawing Square
1 Carpenter's Templet.
1 Twelve in. Rule.
1 Chalk Line Reel
1 Chalk Line.
1 Hand Screw.
1 Plumb Bob.
1 Bench Vise.
1 Hatchet.
1 Cast Steel Nail Gimlets.
1 Regulator.
1 Iron Square.
1 Lead Pencil.
1 Screw Driver.
1 Saw File, handled.
1 Nail Hammer.
1 Carpenter's Brace Bit Stock.
2 Cast Steel Brace Bits.
2 Cast Steel Screw Driver.
1 Bracket Saw Outfit, containing 1 Steel Bracket Frame, 2 Fret Saws, 1 Awl.
Manual of Fret Sawing and 25 Ornamental Designs.

No. I—Boys', 1 ft. 9 in. long, 10¾ in. wide, 7½ in. deep, . . each, $9.00

1 Hand Saw.
1 Compass Saw.
1 Cast Steel Firmer Chisel, handled.
1 Cast Steel Firmer Gouge, handled.
1 Rule Jointer
2 Brad Awls, handled
1 Mallet
3 Pair Compasses.
1 Chalk Line.
1 Hand Screw.
1 Chalk Line Reel.
1 Flat File, handled.
1 Carpenter's Mitre Box.
1 Sportsman's Knife, containing 7 Implements.
1 Shingling Hatchet.
2 Cast Steel Nail Gimlets
1 Angle Square.
1 Carpenter's Templet.
1 Plumb Bob.
1 Drawing Square.
1 Carpenter's Brace Bit Stock.
2 Cast Steel Brace Bits.
1 Cast Steel Nail Punch.
1 Screw Driver.
1 Smooth Plane.
1 Cast Steel Screw Driver.
1 Nail Hammer.
1 Marking Gauge.
1 Saw File, handled.
1 Boxwood Rule, 2 ft.
1 Bench Vise.
1 Bracket Saw Outfit, containing 1 Steel Bracket Frame, 2 Fret Saws, 1 Awl.
Manual of Fret Sawing and 25 Ornamental Designs.

No. J—Youths', 1 ft. 6 in. long, 9½ in. wide, 7½ in. deep, . . each, $10.50

1 Cast Steel Panel Saw.
1 Cast Steel Firmer Chisel, handled.
1 Cast Steel Firmer Gouge, handled.
1 Boxwood Rule, 2 ft.
9 Cast Steel Nail Gimlets.
1 Beechwood Marking Gauge.
1 Cast Steel Saw File, handled.
1 Hand Screw.
1 Pair Compasses.
1 Try Square.
1 Smooth Plane.
1 Cast Steel Regulator.
2 Cast Steel Brace Bits.
2 Cast Steel Screw Driver.
1 Cast Steel Nail Punch.
1 Mallet.
1 Oil Stone.
1 Oil Can
1 Iron Jack Plane

No. K—Youths', 1 ft. 7 in. long, 10 in. wide, 8½ in. deep, . . each, $14.75

1 Cast Steel Panel Saw.
1 Cast Steel Iron Jack Plane.
2 Cast Steel Firmer Chisels, with polished hickory handles.
2 Cast Steel Firmer Gouges, with polished hickory handles.
1 Beechwood Marking Gauge.
1 Cast Steel Regulator.
1 File, handled.
1 Boxwood Rule, 2 ft.
1 Cast Steel Nail Punch.
1 Appletree Brad Awl Set, containing 20 assorted Cast Steel Tools and Wrench.
1 Cast Steel Saw File, handled.
1 Cast Steel Nail Hammer.
1 File, handled.
9 Cast Steel Nail Gimlets.
1 Cast Steel Regulator.
1 Boxwood Rule, 2 ft.
1 Screw Driver.
1 Nail Hammer.
1 Cast Steel Brace Bits, assorted.
1 Cast Steel Nail Punch.
1 Mallet.
1 Oil Stone.
1 Oil Can
1 Iron Jack Plane
1 Cast Steel Bracket Saws, assorted
1 Cast Steel Shingling Hatchet.
1 Oil Stone.
1 Oil Can
1 Iron Jack Plane
2 Cast Steel Nail Gimlets, assorted
2 Steel Bracket Saw Frames.
12 Cast Steel Bracket Saws, assorted
1 Cast Steel Shingling Hatchet.
1 Oil Stone.
1 Oil Can
1 Iron Jack Plane

No. L—Youths', 1 ft. 9½ in. long, 10¾ in. wide, 9 in. deep, . . each, $17.00

1 Cast Steel Panel Saw.
1 Cast Steel Saw File, handled.
2 Cast Steel Firmer Chisels, with polished hickory handles.
2 Cast Steel Firmer Gouges, with polished hickory handles.
1 Beechwood Marking Gauge
1 Cast Steel Regulator.
1 File, handled.
1 Boxwood Rule, 2 ft.
2 Cast Steel Nail Punch.
1 Appletree Brad Awl Set, containing 20 assorted Cast Steel Tools and Wrench.
2 Cast Steel Nail Gimlets, assorted
2 Steel Bracket Saw Frames.
12 Cast Steel Bracket Saws, assorted
1 Cast Steel Shingling Hatchet.
1 Oil Stone.
1 Oil Can
1 Iron Jack Plane
2 Cast Steel Brad Awls, handled.
3 Cast Steel Screw Driver.
1 Pair Cast Steel Compasses.
1 Cast Steel Nail Hammer
1 Carpenter's Brace Bit Stock.
2 Brace Bits, assorted.
1 Hickory Mallet.

Hitching Posts.

Fig. 4392.

No. 100.

Fig. 4393.

No. 102.

Fig. 4394.

No. 103

No. 100,	Cast Iron, Painted, Height 5 feet 6 inches,	each, $5 00
102,	" " " 5 " 6 "	" 4 00
103,	" " " 5 " 6 "	" 6 00

Hitching Weights.

Fig. 4395

No. 1,	10 pounds, Improved Hitching Weight, Japanned,	each, $0 40
2,	15 " " " " "	" 60
3,	20 " " " " "	" 80

Stall Gutter.

Fig. 4396.

No 316.

Cesspool.

Fig. 4397

No. 319.

No. 316,	Improved Heavy Cast Iron Stall Gutter,	per linear foot, $1 25
319,	" Bel Trap Cesspool, for heavy Stall Gutter,	each, 4 00

ROAD SCRAPERS.

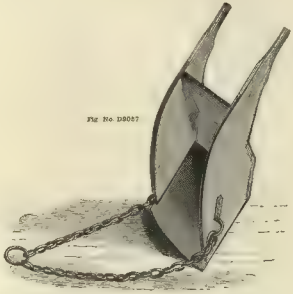
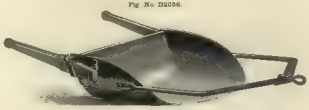


Fig. No. D9057

	EACH.
Common, 30 in., Steel Bottom, Wood Sides and Ends, Heavily Ironed, with Chain Bail, ...	$8.50

Average Weight, Each, 65 lbs.

Fig. No. D9056.



Slusser's.

Slusser's, Straight Back, All Steel, Steel Bail, Wrought Swivel, Detachable Runners,	Nos., . . .	1	2	3
	Inches, .	31	29	27
	Capacity, Cubic Feet,	7	5	3½
	Weight, each, lbs.,	95	90	88
	Each, . .	$13.00	12.00	11.50

Fig. No. D9059.

Champion.

Champion, Round Back, All Steel, Steel Bail, Wrought Swivel, Detachable Steel Runners,	Nos., . . .	1	2
	Inches, . . .	31	29
	Capacity, Cubic Feet,	7	5 to 6
	Weight, each, lbs.,	83	78
	Each, . .	$13.00	12.00

Tool Chests.

Fig. 423.

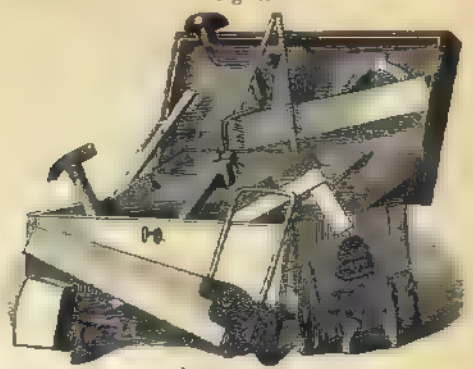
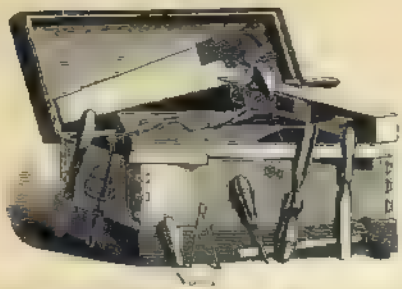


Fig. 42[illegible]



No. 1 No. 4

No. 1, 21x1[illegible] inches, contains one each, C. S. Panel Saw, Jack Plane, Brace Awl Set with 20 tools, Marking Gauge, Brace Handles, C. S. Flat and Saw Files, Regulator Mallet, Two foot Rule, C. S. Screw Driver, C. S. Nail Punch, Pair Compasses, Oil Stone, Oil Can, and two each Handled C. S. Firmer Chisels and Gouges, C. S. Nail Gimlets, C. S. Brace Bits and C. S. Brad Awls, - - - - - - - each, $8 50

No. 4, [illegible] inches, contains one each, C. S. Panel Saw, Compass Saw, Jack Plane, Smooth Plane, Level, Brace Saw Frame (Steel), Marking Gauge, C. S. Screw Driver, Spoke Shave, C. S. Regulator Brace, Pair F. Nose Pliers, Straight Edge, Pair R. Nose Pliers, Oil Stone, Oil Can, Pair Compasses, C. S. Hatchet, Rosewood Stock Try Square, C. S. Nail Set, Handled C. S. Flat and Saw Files, Two foot Rule, Brad Awl Set with 20 tools, C. S. Hammer, Mortise Gauge, Spoke Gimlet, Hickory Mallet and Handled C. S. Firmer Chisels, two Handled C. S. Firmer Gouges, four Brace Bits, six Brad Awls, five C. S. Nail Gimlets and twelve Bracket Saw Blades. - - - - - - - " 16 00

EMPTY TOOL CHESTS ONLY

	Length.	Width.	Height.					Length.	Width.	Height.		
No. 1A	18 in.	10 in.	7½ in.	with Tray,	each	$5 50	No. 4½,	20 in.	15½ in.	11 in.	with 2 Trays, each,	$8 88
2,	21½ "	11½ "	8½ "	"	"	6 00	5,	29 "	15 "	11½ "	" "	11 2[illegible]
3,	22½ "	12 "	9 "	"	"	6 75	6,	30 "	15½ "	12½ "	"	1[illegible] 50
4,	24 "	12½ "	9½ "	"	"	7 50	7,	36 "	19½ "	15½ "	" "	4 [illegible]5

No. 11, 19 in. long, 22½ in. wide, 19½ in. high, with 3 Trays, each, $23 [illegible]

All above Chests made of Chestnut, with Black Walnut Trimmings, and with Fine Tumbler Locks.
Outside Dimensions.

EMPTY MACHINISTS' TOOL CHESTS.

Fig. 424

Made of selected Chestnut, with Black Walnut Moulding and Panels, Bronzed End Handles, Brass Drawer Pulls, and with Standard Yale Lock.

No. 28, With 2 Drawers, - - - each, $4 50

Receptacle under Cover,	18 x 10 x 2½	inches
Sliding Tray " "	16¾ x 5¼ x 1¼	"
First Drawer,	17 x 8¾ x 1¼	"
Second "	17 x 8¾ x 2½	"

No. 29, With 3 Drawers, - - - each, $6 00

Receptacle under Cover,	21x11½ x 3¾	inches
Sliding Tray " "	20x 6 4/16 x 1¾	"
First Drawer,	20x10 9/16 x 1	"
Second "	20x10 9/16 x 1¼	"
Third "	20x10 9/16 x 2¼	"

Inside Dimensions.

CLIPPER GASOLINE STOVES.

Fig No D4475

EACH

No. 1—Clipper, Steel Frame, with Cut-off Valve under Tank, 16 in. Long, 12 in. High, 11 in. Wide, **with Lay Down Tank,** $3.50

Weight Each Racked, 16 lbs.

Fig No D4476

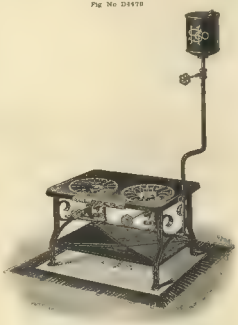


Fig. No. D4477

EACH.

No. 2—Clipper, Steel Frame, with Cut-off Valve under Tank, 21 in. Long, 12 in. High, 14½ in. Wide, **with Lay Down Tank,** . . . $5.00

Weight Each Racked, 21 lbs.

EACH.

No. 3—Clipper, Steel Frame, with Cut-off Valve under Tank, 31 in. Long, 12 in. High, 15 in. Wide, **with Lay Down Tank,** . . . $7.00

Weight Each Racked, 28 lbs.

LAMP STOVES.

Brightest and Best.

Fig. No. D4465

PER DOZEN.

No. 01 B. & B. Lamp Stoves, $8.00

Nickel Plated Front, 4 in. Wick, Height 8½ in., Size of Tank 3½ x 5 in.

One Dozen in a Box. Weight 50 lbs.

Fig. No. D4466

PER DOZEN.

No. 02—B. & B. Lamp Stoves, $16.00

Nickel Plated Front, Two 4 in. Wicks, Height 8½ in., Size of Tank 5½ x 5¾ in.

One Dozen in a Box. Weight 85 lbs.

Fig. No. D4467

PER DOZEN.

No. 03—B. & B. Lamp Stoves, $24.00

Nickel Plated Front, Three 4 in. Wicks, Height 8½ in., Size of Tank 5½ x 8½ in.

One-half Dozen in a Box. Weight 65 lbs.

Fig. No. D4468.

PER DOZEN

No. 1—B. & B. Lamp Stoves, $12.00

Full Nickel Plated Finish, 4 in. Wick, Height 10¼ in., Size of Tank 5 x 7 in.

One Dozen in a Box. Weight 95 lbs.

Fig. No. D4469

PER DOZEN.

No. 2—B. & B. Lamp Stoves, $24.00

Full Nickel Plated Finish, Two 4 in. Wicks, Height 10¼ in., Size of Tank 7 x 8¼ in.

One-half Dozen in a Box. Weight 75 lbs.

Fig. No. D4470.

PER DOZEN

No. 3—B. & B. Lamp Stoves, $36.00

Full Nickel Finish, Three 4 in. Wicks, Height 10½ in., Size of Tank 8 x 12 in.

One-half Dozen in a Box. Weight 125 lbs.

EXTENSION TOPS.

Fig. No. D4471.

Fig. No. D4472

Two Holes for 8 inch Ware.

EACH

No. 02—Extension Tops, for No. 02 B. & B. Lamp Stove, ... $0.50

No. 03—Extension Tops, for No. 03 B. & B. Lamp Stove, ... 50

Six in a Crate. Weight 25 lbs.

EACH.

No. 22 Extension Tops, for No. 2 B. & B. Lamp Stove, ... $1.50

No. 300—Extension Tops, for No. 3 B. & B. Lamp Stove, ... 1.50

Packed Loose. Weight each, 20 lbs.

OVENS.

For B. & B. Lamp Stoves

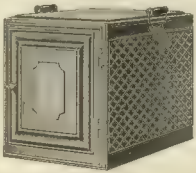
Fig. No. D4473

EACH

No. 1—Ovens for **B. & B.** Lamp Stoves, Not Lined, with one Shelf, Width 11 in., Height 11 in., Depth 11 in., $1.50

Weight Crated each, 10 lbs.

Fig. No. D4474.



EACH.

No. 2—Ovens for **B. & B.** Lamp Stoves, Double Lined, with two Shelves, Width 13 in., Height 13½ in., Depth 13 in., $2.00

Weight Crated each, 12 lbs.

SIMMONS HARDWARE COMPANY

FRAME SLEDS.

Fig No D4255.

Cut shows No 200.

PER DOZEN

No. 200—33 x 12 in., Varnished, Top Board Painted, **Two Bent Knees, Flat Iron Shoes,** . . . $6.00

No. 202 - 36 x 12 in., Varnished, Top Board Painted, **Three Bent Knees, Flat Iron Shoes,** . . . 7.50

Fig No D4259

PER DOZEN.

No. 204—33 x 15 in., Varnished and Striped, Top Board Painted and Ornamented, **Two Bent Knees** arch Iron Braces, **Iron Swan Heads, Flat Iron Shoes,** $9.50

Fig No D4287.

PER DOZEN.

No. 206 36 x 13 in., Selected Rock Elm, Finished on the Natural Wood, Top Board Painted and Ornamented, **Three Bent Knees, Round Side Fenders,** Tinned Braces, **Half Oval Iron Shoes,** $10.00

One-sixth Dozen in a Package.

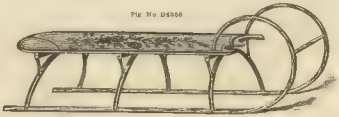


Fig No D4288

PER DOZEN.

No. 208 36 x 13 in., Bow Runners, **Hardwood,** Striped and Ornamented **Finished on the Natural Wood, Three Bent Knees,** Half Oval Tinned Iron Braces, **Heavy Half Oval Iron Shoes,** $17.00

Fig No D4289.

PER DOZEN.

No. 210—33 x 12 in., Selected Oak, Finely Polished and Ornamented, **Finished on the Natural Wood, Three Bent Knees,** Double Braced, **Heavy Polished Oval Steel Shoes,** . $21.00

One-half Dozen in a Crate.

KLIPPER KLUB ICE SKATES.

Fig. No. D4285.

"Klipper Klub", Cast Steel Runners, Hollow Ground, Set and Sharpened.

PER PAIR.

No. 01=K. K., Polished Runners, Blued Foot Plates; Sizes 8, 8½, 9, 9½, 10, 10½, 11, 11½, 12 in., . . $1.00

No. 03=K. K., Nickel Plated Runners and Foot Plates; Sizes 8, 8½, 9, 9½, 10, 10½, 11, 11½, 12 in., . . 1.35

One Pair in a Box.

Fig. No. D4286.

"Klipper Klub", Hardened Steel Runners, Hollow Ground, Set and Sharpened.

PER PAIR.

No. 1=K. K., Polished Runners and Levers, **Blued** Steel **Foot Plates;** Sizes 8, 8½, 9, 9½, 10, 10½, 11, 11½, 12 in., ... $1.75

No. 2=K. K., Nickel Plated Runners, Foot Plates and **Levers;** Sizes 8, 8½, 9, 9½, 10, 10½, 11, 11½, 12 in., 2.40

One Pair in a Box.

Fig. No. D4287.

"Klipper Klub", Welded and Tempered Steel Runners, Hollow Ground, Set and Sharpened.

PER PAIR.

No. 3=K. K., Nickel Plated and Buffed Runners, Foot Plates and **Levers;** Sizes 8, 8½, 9, 9½, 10, 10½, 11, 11½, 12 in., ... $3.25

No. 4=K. K., Beveled Foot, Plates and **Runners, Highly Polished, Buffed** and **Nickel Plated Runners, Foot Plates** and **Levers;** Sizes 8, 8½, 9, 9½, 10, 10½, 11, 11½, 12 in., . . . 4.50

One Pair in a Box.

The following Standard Table of Skate and Shoe Sizes will be of service in Ordering Skates, and we therefore insert it here.

Table of Comparative Sizes of Skates and Shoes.

Skates, Inches,	**8**	**8½**	**9**	**9½**	**10**
Shoes, Nos.,	11 and 11½	12 and 13	1, 1½ and 2	2½ and 3	3½, 4 and 4½
Skates, Inches,	**10½**	**11**	**11½**	**12**	
Shoes, Nos.,	5, 5½ and 6	6½, 7, 7½ and 8	8½, 9 and 9½	10, 10½ and 11	

COAL MINERS' WEDGES.

Fig. No. D137

Regular Pattern.

Oil Finished. PER POUND.

No. D—S. H. Co., Hand Made, Extra Quality Steel, Oil Tempered, Assorted 1⅛ to 3 lbs., $

No. C— Standard, Cast Steel, Assorted 1½ to 3 lbs., ... $

Beall Bros'.—Cast Steel, Assorted 1½ to 3 lbs., $

Fig. No. D138

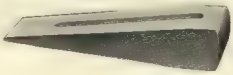
Missouri Pattern.

Oil Finished. PER POUND.

No. M S. H. Co., Hand Made, Extra Quality Steel, Oil Tempered, Assorted 1½ to 2 lbs., $

WOOD CHOPPERS' TIE, AND STAVE MAKERS' WEDGES.

Fig. No. D139



Regular, Fluted, Wood Choppers'.

PER POUND.

No. I—Iron, Regular, Oil Finished, Assorted 3 to 5 lbs. only, . . . $

No. O. F.—Steel, Regular, Oil Finished, 3 and 4 lbs., Assorted 3 to 5 lbs., . $

No. R. P.—Steel, Regular, Painted Red, Axe Finish, 3 and 4 lbs., Assorted 3 to 5 lbs., $

Fig. No. D140

California, Truckee, Wood Choppers'.

Oil Finished. PER POUND.

Bessemer Steel, Truckee, 4 to 8 lbs., . . $

Verona, Crucible Cast Steel, Truckee, 4 to 8 lbs , $

Fig. No. D141

Oregon, Wood Choppers'.

Oil Finished. PER POUND.

No. B—Oregon, Steel, 4 to 8 lbs., $

Fig. No. D142

Wood Choppers' and Tie Makers'.

Oil Finished. PER POUND.

Arkansas—Hand Made, Extra Quality Steel, Spread Point, 3, 3½ and 4 lbs., Assorted 3 to 4 lbs., $

Fig. No. D143

Stave.

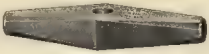
Oil Finished. PER POUND.

Ozark—Hand Made, Extra Quality Steel, Flared Point, 3, 3½ and 4 lbs., Assorted 3 to 4 lbs., $

Packed about 50 lbs. in a Box.

SOLID CAST STEEL SLEDGES.

Fig No D130



Coal Miners'.

Oil Finished, Polished Face.

	PER POUND.
No. F=S. H. Co., Hand Made, Extra Quality Steel, Oil Tempered, Assorted 4 to 8 lbs.,	$
No. G—Standard, Assorted . . . . . 4 and 4½ lbs.,	$
5 to 8 lbs.,	$
Beall Bros.—Assorted 4 to 8 lbs.,	$

Fig. No. D131

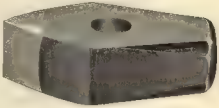
Blacksmiths' Cross Pein.

Oil Finished, Polished Face and Pein.

	PER POUND.
Blacksmiths' -Cross Pein, 6 to 18 lbs.,	$

Even Weights Only.

Fig No D132



Stone.

Oil Finished, Polished Face and Pein.

	PER POUND.
Stone—6 to 20 lbs.,	$

Even Weights Only.

SOLID CAST STEEL MAULS.

Fig No D133

Railroad Spike.

Oil Finished, Polished Face.

	PER POUND.
Railroad Spike—Assorted 5, 6 and 8 lbs.,	$

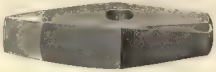
Fig No D134

Ship or Top.

Japanned, Axe Finish, Polished Face.

	PER POUND.
Ship or Top—Assorted 4, 4½, 5, 5½ and 6 lbs.,	$

Fig No D135



Regular Wood Choppers'.

Painted, Axe Finish, Polished Face.

	PER POUND.
No. E—Regular, 7, 8, 9, 10 and 12 lbs.,	$

Fig No D136

Oregon Wood Choppers'.

Oil Finished.

	PER POUND
No. D—Oregon, 7, 8, 9 and 10 lbs.,	$

Steel Coal or Coke Wagons.

Fig. 4684.

Closed.

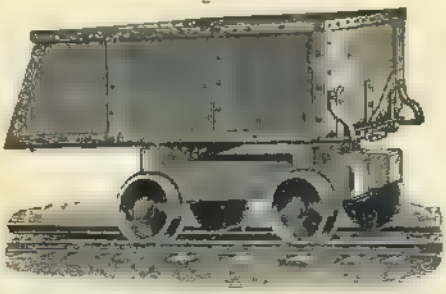
Fig. 4685.

Open

No. 1, Body 35x60x13 inches, holds 900 pounds Coal, - - - - each, $90 00

Steel Mining Cars.

Fig. 4686



No.	Length, Inches	Width, Inches	Depth, Inches	Gauge, Inches	Capacity, Cu. Ft.	Weight, Pounds	Each.	No.	Length, Inches	Width, Inches	Depth, Inches	Gauge, Inches	Capacity, Cu. Ft.	Weight, Pounds	Each.
1	48	28	18	[illegible]	14	[illegible]	$ [illegible] 00	5	48	[illegible]	18	36	20	950	$110 00
2	48	26	20	22	14	75	[illegible]	6	56	36	24	36	28	950	110 00
3	52	34	18	24	25	940	10[illegible] 00	7	64	[illegible]	20	36	31	1300	137 00
4	66	54	12	30	25	10[illegible]	1[illegible] 00	8	64	43	26	36	40	1400	143 00

Brakes, if needed, $8 50 extra.

Wheels 12x3 inches, Grilled, Loose, Self-Oiling. Cars dump side and end. Cars to dump out one end, 6 per cent from list. Eye Bolts for Couplings. Coupling Bars to order, but extra. Other sizes made to order.

Coaling Tubs.

Horse Power.
Fig. 4687.

Nos. 1 to 4½.

No. 1	holds	250	lbs. Coal,	each,	$30 00	No. 7	holds	600	lbs. Coal,	each,	$65 00
2	"	335	"	"	32 50	7½	"	600	"	"	70 00
3	"	400	"	"	35 00	8	"	700	"	"	75 00
4	"	500	"	"	40 00	9	"	800	"	"	80 00
4½	"	500	"	"	45 00	10	"	900	"	"	85 00
5	"	400	"	"	50 00	11	"	1000	"	"	90 00
6	"	530	"	"	55 00	12	"	2000	"	"	180 00

No. 4½ is same size as No. 4, but heavier.

Nos. 7½ to 12 have large Wheels.

Above Tubs made with Side or Top Lock.

Steam Power.
Fig. 4688.

Nos. 5 to 12.

Wheelbarrows.

JACKSON, STEEL.

Brick.

Fig. 4681.

No. 1,	Solid Bed,	Rigid Bearings,	Bed No	14 Steel,	Handles No.	10 Steel,	Weight	95	pounds,	each	$14 00
2,	Open "	" "	"	14 "	"	10 "	"	115	"	"	17 00
3,	" "	Spring "	"	14 "	"	10 "	"	135	"	"	20 00

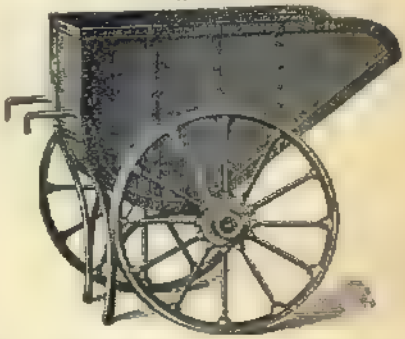
TWO-WHEELED.

Coal or Coke.

Fig 4682

Charging.

Fig. 4683.



Coal or Coke

No. 1,	Capacity	8 Cubic Feet,	will hold	400	pounds Coal,	Bottom No.	12 Steel,	Sides No	14 Steel,	each,	$41 00
2,	"	10 "	"	500	" "	"	12 "	"	14 "	"	45 00
3,	"	12 "	"	600	" "	"	12 "	"	14 "	"	47 50
4,	"	16 "	"	800	" "	"	10 "	"	12 "	"	50 00
5,	"	20 "	"	1000	" "	"	10 "	"	12 "	"	52 50

Wheels 24-inch or 30-inch Diameter, as desired

Charging.

No.	Capacity, Cubic Feet.	Length of Body Inches.	Width of Body, Inches.	Depth of Body Inches.	Extreme Length of Axle Inches.	Length Inside the Handles Inches	Height to Top of Body Inches	Weight, Pounds.	Each.
1	10	44½	25½	22	35½	53½	39½	575	$58 00
2	12	47	25½	24	35½	53½	40	600	62 00
3	14	50	26	26	36½	56	40½	650	65 00
4	16	52	26½	28	37	61	42	690	68 00
5	20	52	30	30	40½	61	44½	725	72 00

TWINE BOXES.

Fig. No. D3580

Fig. No. D3581

PER DOZEN.

No. 323—Drop Catch, Hinged, Copper Bronzed, . . $3.40

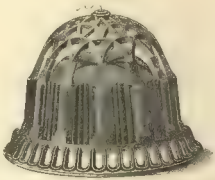
One-third Dozen in a Box.

PER DOZEN.

No. 367—Hinged Top, Copper Bronzed, on Stand, $5.60

One-sixth Dozen in a Box.

Fig. No. D3582



PER DOZEN.

No. 345—Copper Bronzed, ... $6.75

One-half Dozen in a Box.

Fig. No. D3583

PER DOZEN

No. 434—Bee Hive, Japanned, . . $5.60

One-twelfth Dozen in a Package.

MONEY DRAWERS.

Fig. No. D3584

Fig. No. D3585

PER DOZEN.

No. 1—Tucker's Alarm, 5 x 19 in. Front, 16½ in. Deep, Hardwood, Dovetailed, Varnished and **Polished Oak Front,** Lock has 32 Changes, $36.00

One-half Dozen in a Crate.

Weight per Dozen, Crated, 160 lbs.

PER DOZEN

No. 3—Tucker's Gong, 4½ x 16½ in. Front, 14 in. Deep, Dovetailed, **Dark Varnished Front,** Lock has 32 Changes, . . . $25.00

One-half Dozen in a Crate.

Weight per Dozen, Crated, 125 lbs.

Gong rings every time Drawer is opened, or whenever an attempt is made to open it.

TRYERS.

Fig. No. D3580.

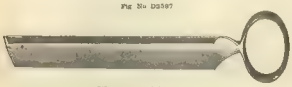
Cheese, Lard, Butter and Flour Tryers.

Cast Steel Blade, Malleable Loop Handle.

	PER DOZEN.
No. 1—6 in., Cheese, Cast Steel, Polished Blade, Japanned Handle,	$4.00
No. 1—12 in., Lard and Butter, Cast Steel, Polished Blade, Japanned Handle,	6 00
No. 1—18 in., Lard and Butter, Cast Steel, Polished Blade, Japanned Handle,	7 80
No. 1—24 in., Lard and Butter, Cast Steel, Polished Blade, Japanned Handle,	9 25
No. 2—4 in., Cheese, Cast Steel, **Nickel Plated Blade,** Japanned Handle,	5.00
No. 2—18 in., Lard and Butter, Cast Steel, **Nickel Plated Blade,** Japanned Handle,	9 80
No. 8—28 in., Flour, Cast Steel Blade, Japanned Handle,	30 00

One-half Dozen in a Box.

Fig. No. D3587



Cheese Tryers.

PER DOZEN.

No. 4—6 in., Cheese, Nickel Plated, Forged Solid Cast Steel, ⅝ in. Wide, ... $17.25

One-half Dozen in a Box.

Fig. No. D3588

Tallow Tryers.

PER DOZEN.

No. 10—30 in., Tallow, Forged Solid Cast Steel, T Handles, ... $50.00

One-quarter Dozen in a Box.

Fig. No. D3589

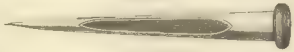
Grain Tryers.

PER DOZEN.

No. 13—6 in., Grain Tryers, Cast Steel, **Nickel Plated,** with Sheath, ... $12.50

One Dozen in a Box.

Fig. No. D3590.



Coffee Tryers.

PER DOZEN.

No. 12—9 in., Coffee Tryers, Cast Steel, with Solid Points, ... $15.00

One-half Dozen in a Box.

FLOUR TESTERS.

Fig. No. D3591

PER DOZEN.

No. 24—Flour Testers, Cast Steel, **Nickel Plated,** 6 x 1⅝ in., ... $3.75

BUTTER SPADES.

Fig. No. D3592

No. 20.

PER DOZEN.

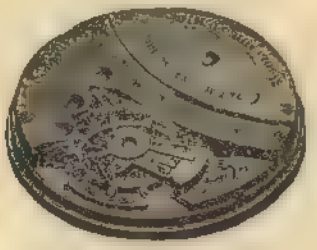
No. 20—Butter Spades, Cast Steel, **Tinned Blade** 8 x 3 in., Trowel Shank, Cap Ferrule, $8.00

One Dozen in a Box.

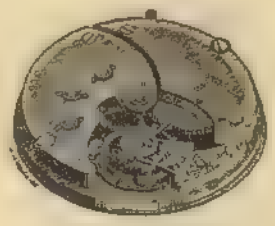
Columbus and Swiss Movements.

FOR CASES TO FIT SEE OTHER PAGES. LIST PRICES EACH

18 Size
COLUMBUS.



16 Size
COLUMBUS.



6 Size, Full Jeweled.
COLUMBUS.

6 Size, 11 Jewels.
COLUMBUS.

COLUMBUS WATCH COMPANY.

18 Size, Full Plate. Nameless. Hunting.—Stem Wind.

No. 19	Nickel.—Hunting, 16 Jewels, Adjust to Position, Isochr. and Temp., finest Rub. set in raised Gold Settings, extra large Ruby Center Jewels Breg H. S. D. S. D. Pat. Reg., damaskeened in Gold and Nickel	$120 00
No. 28	Nickel.—Hunting, 16 Jewels, Adjusted, Jewels set in raised Gold Settings extra Center Jewel, Breg H. S., D. S. D., Patent Regulator, damaskeened in Gold and Nickel	62 50
No. 30	Nickel Hunting, 15 Jewels, Adjusted, Patent Regulator, set in Red Gold Settings, D. S. D., damaskeened in Gold on Nickel	40 00
No. 34	Nickel Hunting 15 Jewels, Adjusted, Breg H. S., Patent Regulator, D. S. D. Jewels set in Red Gold Settings	25 00
No. 23	Nickel Hunting, 15 Jewels Adjusted, Breg H. S., Patent Regulator, D. S. D., Jewels set in Red Settings	21 25
No. 33½	Nickel Hunting 15 Jewels in Red Settings Breg H. S., Patent Regulator, S. S. D.	18 13
No. 32	Gilt Hunting, 15 Jewels in Settings Breg H. S. Patent Regulator, S. S. D.	18 75
No. 22	Nickel Hunting 11 Jewels, P. R.	13 13
No. 21	Gilt. Hunting, 11 Jewels	12 50
No. 20	Gilt.—Hunting, 7 Jewels, temp H. S., S. S. D.	10 00

Open Face—Pendant Set.

No. 99	Same description as No. 18	$120 00
No. 98	" " " 28	62 50
No. 96	" " " 34	25 00
No. 68	" " " 23	21 25
No. 94½	" " " 33½	18 13
No. 93	" " " 32	18 75
No. 92	" " " 22	13 13
No. 91	" " " 21	12 50
No. 90	" " " 20	10 00

Hunting and Open Face. Named.—Open Face are Pendant Set.

Railway King.—Nickel, 16 Jewels in Red Gold Settings, D. S. D., named Railway King, Breg H. S., Microm. Reg., Red Gilt Screws and Reg., Movement finely Adjusted and Gold damaskeened	$50 00
R. W. K. Special.—15 Jewels, Nickel, finely Adjusted, d. s. R. M. F. D., Breg H. S. Microm. Regulated damaskeened in Gold on Nickel	40 00
Champion.—Nickel, 15 Jewels, Adjusted, Breg. H. S., D. S. D., Microm. Regulated, Red Settings, Hunting Wind at III., Open Face Wind at XII	21 25
North Star.—Nickel, 15 Jewels in Red Settings, Breg H. S., Patent Regulator, S. D., eng 15 Jewels	18 13
The Star.—Hunting and Open Face, 11 Jewels, Nickel, Jeweled in Red Settings	13 25

16 Size, Nameless. 3-4 Plate, Hunting.

No. 48	Nickel 16 Jewels, Adjusted to Position, Isochr. and Tem., finest Rub set in Raised Gold Settings, Extra Large Ruby Center Jewel, Breg., H. S. D. S. D. Microm. Regulated Movement, Gold damaskeened	$87 50
No. 47	Nickel 16 Jewels, Adjusted, extra Center Jewel Breg H. S., Patent Regulator, D. S. D., Jewels set in Red Gold Settings	45 00
No. 46	Nickel 15 Jewels Adjusted, Breg. H. S., Patent Regulator, D. S. D., Jewels set in Red Gold Settings	37 50
No. 44	Nickel, 15 Jewels Adjusted, Breg H. S., Microm. Regulator, S. S. D., Jewels in Red Gold Settings	30 00
No. 43	Nickel 11 Jewels, Upper Holes Jeweled, Temp. H. S., Patent Regulator S. S. Dial	14 38
No. 41	Gilt 11 Jewels Upper Holes Jeweled, Temp H. S., S. S. Dial	13 13
No. 40	Gilt.—Hunting, 7 Jewels, Temp. H. S., fine, white, hard En. D.	10 00

COLUMBUS WATCH COMPANY.

16 Size, 3-4 Plate Open Face.

No. 86	Same description as No. 48	$87 50
No. 87	" " " 47	45 00
No. 84	" " " 46	37 50
No. 84	" " " 44	30 03
No. 83	" " " 43	14 30
No. 81	" " " 41	13 13
No. 80	" " " 40	10 10

6 Size, Pendant Set. Hunting. 3-4 Plate

No. 157	16 Jewels, Adjusted Raised Gold Settings, Extra Center Jewel D. S. D., Movement Gold damaskeened	$37 50
No. 155	Nickel 15 Jewels, Adjusted, set in Red Gold Settings Temp H. S., S. S. Dial	25 00
No. 153	Nickel.—11 Jewels, Upper Holes Jeweled in Red Gold Settings, Temp. H. S., S. S. Dial	18 25
No. 151	Gilt 11 Jewels Upper Holes Jeweled, Temp. H. S. S. S. Dial	14 38
No. 150	Gilt.—7 Jewels, Temp. H. S. S. S. Dial	11 25

18 Size, Non-Magnetic.

"A."	Nickel Hunting, 16 Jewels, Adjusted Jewels in Raised Gold Settings, Extra Center Breg H.S., D. S. D., Patent Regulator, damaskeened in Gold and Nickel	75 00
"B."	Same, Open Face, Pendant Setting	75 00
"C."	Nickel Hunting 16 Jewels, Adjusted Extra Center Jewels, Breg H. S., Patent Regulator, D. S. D., Jewels in Red Gold set	57 50
"D."	Same.—Open Face, Pendant Setting	57 50

Engraving Special Names on Plates of all 7 Jeweled Grades, $1 00 list each. No charge for Special Names, on Dials or Plates of other Grades in quantity of 5 or more.

SWISS MOVEMENTS.

IMITATION AMERICAN, KEY AND STEM WIND.

Fitting all Regular 6 and 18 Size Hunting or Open Face Cases.

IMITATION AMERICAN.

18 Size, Full Plate.

		Key Wind.	Stem Wind.
No. 50	Nickel or Gilded 11 Jewels, Expansion Balance	$4 00	$6 25
No. 51	Nickel or Gilded 11 Jewels, Expansion Balance, Hard Enameled S. S. Dial	5 00	7 50
No. 52	Nickel 11 Jewels, Expansion Balance, S. S. Dial, Hard Enameled Dial	7 50	10 63

6 Size, Hunting, Stem Wind. Will fit Lever or Pendant Set Cases.

No. 53	Nickel or Gilded Fair Cylinder, Hard Enameled S. S. Dial	$6 88
No. 54	Nickel or Gilded Fair Lever Jeweled, Hard Enameled S. S. Dial	8 75
No. 55	Nickel or Gilded, Good Lever, Jeweled, Hard Enameled S. S. Dial	11 25

American Watch Movements.

LIST PRICES.

E. HOWARD WATCH COMPANY.

18 Size.

6 Size.

18 Size, Stem Wind and Dust Proof, Hunting or Open Face.

Gilded		$43 75
Gilded.	Patent Regulator	57 75
Gilded	Patent Regulator, adjusted to Heat and Cold	71 75
Gilded.	Patent Regulator, adjusted to Heat, Cold and Positions	106 75
Nickel	Patent Regulator	78 75
Nickel	Patent Regulator, adjusted to Heat and Cold	92 75
Nickel.	Patent Regulator, adjusted to Heat, Cold and Positions	131 25

Ladies' 6 Size Stem Wind.

Gilded	Plain Regulator	$53 50
Gilded	Patent Regulator	57 75
Nickel	Patent Regulator	78 75

The E. Howard Movements require Special Made Cases to fit, costing from $2.50 to $5.00. List extra. We can make almost any style case illustrated to fit the same.

SETH THOMAS MOVEMENTS.

18 Size.
Full Plate, Open Face.

18 Size.
¾ Plate, Hunting.

Stem Wind and Lever Set.

18 Size. OPEN FACE

No. 33.	Gilded—7 Jewels; Expansion Balance; Full Plate; S. S. Dial	$10 00
No. 58.	Gilded—11 Jewels; Expansion Balance; S. S. Dial, Micrometer Regulator	13 13
No. 173.	Nickel—Full Jeweled; Micrometer Regulator	20 00
No. 199.	Gilded—15 Jewels; Micrometer Regulator; Adjusted	25 00
No. 204.	Nickel—15 Jewels; Micrometer Regulator; Adjusted	30 00
Maiden Lane.	Nickel—17 Ruby Jewels in Gold Settings; Patent Regulator, Breguet H. S., D. S. Dial; Adjusted	62 50

18 Size. HUNTING

No. 34.	Gilded—7 Jewels; Expansion Balance, S. S. Dial	$10 00
No. 56.	Gilded—11 Jewels, Expansion Balance, S. S. Dial, Micrometer Regulator	13 13
No. 71.	Gilded Full Jeweled; Expansion Balance, S. S. Dial, Micrometer Regulator	18 75
No. 97.	Gilded—15 Jewels, Micrometer Regulator, Adjusted	23 75
No. 102.	Gilded Full Jeweled, Expansion Balance; S. S. Dial, Micrometer Regulator, Adjusted	27 50
No. 171.	Nickel Full Jeweled, Micrometer Regulator	20 00
No. 197.	Nickel—15 Jewels, Micrometer Regulator, Adjusted	25 00
No. 202.	Nickel Full Jeweled; Micrometer Regulator, Adjusted	30 00
Henry Moltzeen.	Nickel—17 Ruby Jewels in Gold Settings; Patent Regulator; Breguet H. S.; D. S. Dial Adjusted	62 50

PAILLARD'S NON-MAGNETIC WATCH CO'S MOVEMENTS.

16 Size. ¾ Plate.

18 Size. Full Plate.

18 Size, Key Wind.

No. 11.	Gilded—7 Jewels; Expansion Balance; S. S. Dial	$8 75

6 Size, Stem Wind, Lever Set.

No. 119.	Nickel—15 Jewels in Settings; Expansion Balance; S. S. Dial	$25 00
No. 122.	Nickel—11 Jewels; Expansion Balance; S. S. Dial	15 63
No. 40.	Gilded—7 Jewels, Expansion Balance, S. S. Dial	11 25

18 Size, Full Plate, Stem Wind, Hunting and Open Face.

"A.A."	"Extra," Nickel—18 Fine Ruby Jewels in Gold Settings; adjusted to Temperature, Isochronism, and Five Positions; Breguet Hair-Spring; Patent Micrometer Regulator; Double Sunk Dial; handsomely Damaskeened and finely finished throughout	$62 50
"A."	Nickel—12 Ruby Jewels in Gold Settings, adjusted to Temperature, Isochronism and Three Positions, Breguet Hair Spring, Patent Micrometer Regulator; Gold Screws; Double Sunk Dial	45 00
"B."	Nickel—15 Ruby Jewels in Gold Settings; adjusted to Temperature, Isochronism and Three Positions, Breguet Hair-Spring, Patent Micrometer Regulator; Double Sunk Dial	35 00
"C."	Gilded—(Same as "B")	30 00
"D."	Nickel—15 Jewels in Settings; Exposed Pallets; Breguet Hair-Spring; Patent Micrometer Regulator	25 00
"E."	Gilded—15 Jewels, in Settings, Exposed Pallets; Breguet Hair-Spring, Patent Micrometer Regulator	22 50
"F."	Nickel—15 Jewels, (top plate) in Settings; Breguet Hair-Spring, Patent Micrometer Regulator	18 75
"G."	Gilded—(Same as above)	16 88

16 Size, ¾ Plate, Stem Wind, Hunting and Open Face.

No. "71."	Nickel—20 Finest Quality Red Ruby Jewels in Gold Settings, Jeweled Center; Full Cap Jeweled Escapement, Breguet Hair-Spring accurately adjusted to Temperature, Isochronism and all Positions, Micrometer Regulator; Double Sunk Dial, finely Damaskeened and finished throughout	125 00
No. "72."	Nickel—18 Fine Ruby Jewels in Gold Settings, Center Jeweled, Cap Jeweled Escape Wheel; Breguet Hair-Spring; accurately adjusted to Temperature, Isochronism and Six Positions; Micrometer Regulator, Double Sunk Dial	87 50
No. "73."	Nickel—16 Ruby Jewels in Gold Settings; Jeweled Center; Breguet Hair Spring; adjusted to Temperature, Isochronism and Four Positions, Micrometer Regulator	62 50
No. "74."	Nickel—15 Ruby Jewels in Settings, Breguet Hair-Spring, adjusted to Temperature, Isochronism and Three Positions, Micrometer Regulator	45 00
No. "81."	Nickel—15 Jewels in Settings; adjusted to Heat and Cold; Breguet Hair-Spring, Patent Micrometer Regulator	37 50
No. "82."	Gilded—15 Jewels in Settings; adjusted to Heat and Cold; Breguet Hair Spring, Patent Micrometer Regulator	30 00
No. "94."	Nickel—15 Jewels in Setting; adjusted; Breguet Hair-Spring; Patent Micrometer Regulator	26 25
No. "95."	Gilded—15 Jewels in Setting; adjusted; Breguet Hair-Spring; Patent Micrometer Regulator	22 15
No. "83."	Gilded—11 Jewels (top plate) in Settings; Exposed Pallets; Flat Spring; Straight Regulator	20 00
No. "84."	Gilded—7 Jewels; Exposed Pallets; Flat Spring; Straight Regulator	15 00
No. "98."	Gilded—7 Jewels; Exposed Pallets; Flat Spring, Straight Regulator	11 25

We carry a larger stock of American Watches than any other firm in America. A call will convince any one of the fact; hence we can offer fill orders for goods that are not in the stock of other jobbers. We have all new goods as soon as introduced, at market prices. This department is under the personal supervision of one of the firm, and its annual sales are greater than any other house. DISCONTINUED GOODS GENERALLY ON HAND, AT SPECIAL PRICES.

S. F. MYERS & CO.

Weather Vanes.

COPPER, COVERED WITH PURE GOLD LEAF.

Fig. 4398.

Fig. 4399.

No. 162

Fig. 4400.

No. 156.

Fig. 4401.

No. 163.

Fig. 4402.

No. 158.

Fig. 4403.

No. 27

Fig. 4404.

No. 160

Fig. 4405

No. 157

Fig. 4406.

No. 159.

No. 161

Fig. 4407.

No. 164

Fig. 4408.

No. 53

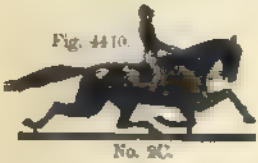
Fig. 4411.

No. 165.

Fig. 4409.

No. 98

Fig. 4410.



No. 2C.

Fig. 4412

No. 10

Fig. 4413

No. 9

No. 2,	Dexter, Length 34 inches, without Jockey,	each, $25 00
2C,	" " 34 " with "	" 31 00
9,	Cow, Height 17 inches, Length 28 inches,	" 20 00
10,	Sheep, " 20 " " 32 "	" 20 00
53,	Eagle, 15 inches long,	" 15 00
7,	Game Cock, Height 14 inches, Length 16 inches, Length of Arrow 20 inches,	" 15 00
98,	Sportsman's Dog, Length 33 inches,	" 20 00
56,	New Design Banneret, Length 48 inches,	" 65 00
159,	Medium Rooster, Height 19 inches, Length 24 inches,	" 15 00
160,	Arrow, Length of Arrow 30 inches,	" 10 00
160A,	" " " 36 "	" 15 00
160B,	" " " 42 "	" 18 00
160C,	" " " 48 "	" 20 00
160D,	" " " 60 "	" 30 00
161.	Pigeon on Ball, Height 16 inches, including Ball and Arrow, Length of Arrow 24 inches,	" 20 00
164	Fox, Length 30 inches,	" 33 00
165.	Running Deer, Height 15 inches, Length 30 inches,	" 20 00

All above Weather Vanes complete with Spire, Letters and Balls.

	Inches,	9	12	15	18	24
No. 157 Five-Point Star, Covered with Pure Gold Leaf,	Each,	$4 50	5 50	7 50	10 00	16 00

	Diameter, Inches,	3	4	5	6	8	10
No. 158, Metal Ball with Stem, Covered with Pure Gold Leaf,	Each,	$0 70	1 10	1 42	2 00	3 50	7 75

162, Eagle, with Ball only, for Flag Poles, 15-inch Spread,	each, $12 00
163, " " and Block, for Flag Poles, 15-inch Spread,	" 15 00

SIMMONS HARDWARE COMPANY

SAW HANDLES.

Fig. No. D1046.

Back.

PER DOZEN.

No. 7½—Beech, Polished Edges, $1.50

Fig. No. D1048.

Butchers' Bow.

PER DOZEN.

No. 5B—Beech, Polished Edges, $2.25

One Dozen in a Box.

Fig. No. D1047.

Interchangeable Compass.

PER DOZEN.

Compass, Beech, Polished Edges, with Screws, . $2.50

CROSS CUT SAW HANDLES.

Fig. No. D1049.

Fig. No. D1049.

One Man, Cross Cut.

PER DOZEN.

No. B -Disston's, Beech, Polished Edges, with Screws, ... $6 00

One-half Dozen in a Box.

Supplementary.

PER DOZEN.

No. A -Supplementary, Upright, for One Man Cross Cut Saws, ... $2.50

One Dozen in a Box.

Fig. No. D1050.

PER PAIR.

Common Malleable Loop, . $0.25

Fig. No. D1051.

PER PAIR.

Climax Pattern, $0 45

Fig. No. D1052.

PER PAIR.

No. 8 -Atkins' Pattern, Malleable Loop, . $0.30

Fig. No. D1053.

PER PAIR.

No. 3—Atkins', Loop, . $0.30

Fig. No. D1054.

PER PAIR.

No. 4 -Atkins', Patent Reversible, . . . $0.30

Fig. No. D1055.

PER PAIR.

No. 5X—Patent, . $0.50

Fig. No. D1056.

PER PAIR.

No. 7—Patent, Adjustable, . $0 60

Nos. 3, 4 and 8, Fifty Pairs in a Case; Remainder, One Hundred Pairs in a Case.

NOTICE No. 4 Atkins' Handles will only fit Atkins' Cross Cut Saws. All other Handles will fit all Standard Cross Cut Saws.

SAW SCREWS.

Fig No D1031

Regular Pattern.

PER DOZEN.

No. 1 Brass, **Plain, Small,** $0.30
Suitable for Panel.

Fig No D1032

Regular Pattern.

PER DOZEN.

No. 2 Brass, **Plain, Large,** $0 40
Suitable for Hand or Rip.

Fig No D1033

PER DOZEN.

No. 4—Brass, **Embossed, Large,** . $0.75
Suitable for Hand or Rip.

Fig No D1034

PER DOZEN

No. 5—Brass, **Raised Head,** $0.70

Suitable for Hand or Rip.

Fig No D1035

PER DOZEN.

No. 6—Polished Steel, Raised Head, . . $0.70
Suitable for Hand or Rip.

Fig No D1036

Centennial Pattern.

PER DOZEN.

No. 1C—Brass, **Plain, Small,** $0.35
Suitable for Panel.

Fig No D1037

Centennial Pattern.

PER DOZEN.

No. 2C—Brass, **Plain, Large,** $0 45

Suitable for Hand or Rip.

Fig No D1038.

Centennial Pattern.

PER DOZEN.

No. 3C—Brass, **Embossed, Small,** . $0.60
Suitable for Panel.

Cuts Full Size.

Fig. No. D1039.

Centennial Pattern.

PER DOZEN.

No. 4C—Brass, **Embossed, Large,** . $0.80
Suitable for Hand or Rip.

One Dozen in a Box.

SAW HANDLES.

Fig No D.040

Fig No D1041

Panel, Hand and Rip.

Apple, Polished Edges, Not Bored.

PER DOZEN.

No. 87P—**Keen Kutter, Panel,** . . $3.00

No. 87H—**Keen Kutter, Hand,** 3 50

No. 87R—**Keen Kutter, Rip,** 4.00

Apple, Carved, Polished Edges, Bored.

PER DOZEN.

No. 88P—**Keen Kutter, Panel,** . . $4.00

No. 88H—**Keen Kutter, Hand,** 4.50

No. 88R—**Keen Kutter, Rip,** . 5.00

Fig. No. D1042.

Hand.

Fig. No. D1043.

Rip.

Fig No D1044

Panel, Hand and Rip. PER DOZEN.

No. 2P—**Panel,** Beech, Polished Edges, Not Bored, $1 75

No. 2H—**Hand,** Beech, Polished Edges, Not Bored, 2.00

No. 7H—**Disston's, Hand,** Beech, Polished Edges, Not Bored, ... 2.50

No. 7R—**Disston's, Rip,** Beech, Polished Edges, Not Bored, ... 2.75

No. 12H—**Disston's, Hand,** Apple, Carved and Polished Edges, Bored, . . . 6.75

No. DH—**Disston's, Hand,** Apple, Polished Edges, Bored, ... $4.00

No. DR—**Disston's, Rip,** Apple, Polished Edges, Bored, ... 4.25

One Dozen in a Box.

CROWN PERFUMERY CO.

CRAB APPLE BLOSSOM PERFUME.

A 1	per doz.,	$ 6 75
A 2	"	12 00
A 3	"	18 00
A 4	"	20 00
A 8	"	40 00

Bijou bottles, 2 doz. in carton, 88 cents per doz; $10 00 per gross.

CRAB APPLE BLOSSOM TOILET WATER.

4 oz	per doz.,	$ 8 00
8 oz	"	15 00

CRAB APPLE BLOSSOM TOILET SOAP.

In cartons	per doz.,	$ 3 50
In decorated metal caskets	"	4 25

ELDER FLOWER AND CUCUMBER TOILET SOAP.

Per dozen $2 25

MITCHAM LAVENDER BOUQUET.

4 oz	per doz.,	$ 7 00
6 oz	"	10 00

THE CROWN LAVENDER SALTS.

Regular size	per doz.,	$ 5 00
Large size	"	10 00

THE CROWN COLOGNE SALTS.

Regular size	per doz.,	$ 5 00
Large size	"	10 00

KARILPA TOILET WATER.

1 oz	per doz.,	$ 2 00
4 oz	"	5 00
6 oz	"	7 50
8 oz	"	10 00

$100 00 lots, assorted, 15 per cent. discount.
50 00 lots, assorted, 10 per cent. discount.
25 00 lots, assorted, 5 per cent. discount.

GOLD LABEL PERFUMES.

Extra concentrated, cut glass stoppers.

No. 1488.	1½ oz	Peau d'Espagne	per doz	$10 00
" 1489.	2 "	"	"	14 00
" 1488	1½ "	Lilas Blanc	"	10 00
" 1489.	2 "	" "	"	14 00
" 1488	1½ "	Cuir de Russie	"	10 00
" 1489.	2 "	" "	"	14 00
" 1488.	1½ "	Crab Apple	"	10 00
" 1489.	2 "	" "	"	14 00

VIOLETTE DE PARME EXTRACT.

No. 1541.	1 oz.	in single cartons	per doz.,	$ 7 75
	1 "	3 in each carton	"	6 75
" 1542.	2 "	in single cartons	"	13 00
	2 "	3 in each carton	"	12 00

VIOLETTE DE PARME TOILET WATER.

No 1526. Violette de Parme Eau de Toilette, per doz $8 00

EAU DE COLOGNE.

No. 2864. 5 oz., finest English cut glass stopper, per doz $9 00

GOLD LABEL TOILET SOAPS.

Finest quality.

Cuir de Russie, Peau d'Espagne and Crab Apple Blossoms ..... per doz., $6 00

FINEST NEW ENGLISH TOILET SOAPS.

Elegantly put up.

No 1507.	Assorted odors	per doz.,	$2 75
" 1508.	Violette de Parme, extra fine	"	2 75
" 1509.	Lilas Blanc, " "	"	2 75
" 1510.	White Rose, " "	"	2 75

ALL PRICES ON THIS PAGE ARE NET CASH.

JAS. S. KIRK & COMPANY'S
FINE MILLED SOAPS.

Nos.		Per Gross.
	Aladdin.	
166	Boxes of 72 cakes ..... (Wood	$ 3 60
	Alkali Water.	
	Boxes of 40 bars, 30 lbs.....(Wood)	3 50
	Boxes of 40 bars, 25 lbs.... (Wood)	3 00
	Azalea. (Assorted.) WHITE AND RED	
185	Boxes of 36 cakes.....(Wood)	6 85
	Bairn Baby.	
210	Boxes of 3 cakes..... (Paper)	20 00
	Bath King.	
95	Boxes of 3 cakes . . . (Paper,	10 25
86	Boxes of 12 cakes.....	9 00
108	Boxes of 36 cakes..... (Wood)	9 00
	Belgravia. (Green.)	
98	Boxes of 3 cakes.....(Paper)	15 00
	Brown Windsor. (Oval Form.)	
73	Boxes of 3 cakes, large.....(Paper)	15 00
74	Boxes of 3 cakes, medium .. "	12 00
75	Boxes of 3 cakes, small..... "	9 00
177	**Brown Windsor.**	
153	**Elder Flower.**	
	Boxes of 24 cakes.....(Wood)	11 25
	Caledonia.	
139	Boxes of 3 cakes.... .. Paper)	18 00
	Bouquet. (Enveloped.)	
97	Boxes of 3 cakes.....(Paper)	24 00
	Carbolic. (Enveloped.)	
129	Boxes of 3 cakes.....(Paper)	15 00

Nos.		Per Gross.
	Carbolic Acid.	
	Boxes of 3 cakes ..... (Paper,	$ 9 00
126	**Castile** (White).	
159	**Castile** (Marble). [A. LUGGADO]	
	Boxes of 36 cakes..... (Wood,	5 00
	C. P. Glycerine. (White.)	
178	Boxes of 3 cakes.....(Paper,	7 20
	Club Bath. (Brown or Yellow.)	
108	Boxes of 12 cakes. ..... Paper,	6 00
150	Boxes of 36 cakes.....(Wood)	6 00
	Coco Castile.	
237	Boxes of 12 cakes.. .....(Paper,	4 00
	(Pure Coco Oil.)	
	Coco des Tropiques.	
85	Boxes of 12 cakes.....(Paper)	4 00
	(Pure Coco Oil.)	
	Cocoanut Oil.	
209	Boxes of 12 cakes.....(Paper)	3 00
	(Pure Coco Oil.)	
	Cocoa Tablet. (Variegated.)	
156	Boxes of 12 cakes..... (Paper)	5 00
	(Pure Coco Oil.)	
	Cologne Bouquet.	
180	Boxes of 3 cakes. . (Paper)	24 00
216	Boxes of 6 cakes. .....(Paper)	24 00
Pony	Boxes of 3 cakes.....(Paper)	7 20
	Commonwealth.	
101	Boxes of 3 cakes.....(Paper)	15 00
	Congo-Coco.	
218	Boxes of 12 cakes.....(Paper)	3 00
	(Pure Coco Oil.)	
	Country Club. (New Odor.)	
211	Boxes of 3 cakes..... (Paper)	12 00

Nos.		Per Gross.
	Corona.	
189	Boxes of 3 cakes ..... . (Paper)	$ 8 40
	Cream White Money.	
113	Boxes of 3 cakes. ..... (Paper)	9 00
	Crown Castile. ERASTUS BROOKS. (White or Mottled.)	
	Boxes of 12 cakes ... . .(Paper)	4 00
		Per Box
	Boxes of 100 4-oz. cakes.. .(Wood)	2 75
	Boxes of 90 5-oz. cakes....(Wood)	3 50
	Crystola. (Household.) For general household uses polishing, scrubbing, scouring painted surfaces, metals and all kitchen utensils	
138	Boxes of 72 cakes.....(Wood)	9 00
	Crystola. (Toilet.) For removing paints, oils, inks, tar, etc. This soap is invaluable.	
142	Boxes of 72 cakes.. .....(Wood)	9 00
	Curio.	
191	Boxes of 3 cakes.....(Paper)	7 80
	Curly Maple.	
225	Boxes of 12 cakes.....(Paper)	5 00
206	Boxes of 36 cakes.....(Wood)	5 00
	Dandelion.	
127	Boxes of 12 cakes..... (Paper)	3 75
232	Boxes of 36 cakes..... (Wood)	3 75
	(Pure Coco Oil.)	
	Dog Soap.	
234	Boxes of 12 cakes.....(Wood)	15 00
	Elite. (Transparent.)	
257	Boxes of 3 cakes.....(Paper)	15 00
	El Capitan. (Assorted.)	
104	Boxes of 12 cakes ..... Paper)	4 00
	Fine Palm.	
94	Boxes of 3 cakes.... .. (Paper)	9 00
	Flake White.	
161	Boxes of 3 cakes ..... Paper)	7 80
	Genuine Castile.	
222	Boxes of 12 cakes.. .. (Paper)	7 20

NET.

BENCH CLOTHES WRINGERS.

Fig No D4081

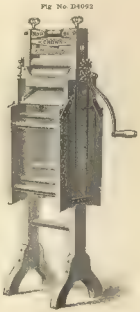
Universal.

PER DOZEN.

No. A 12½ Universal, with Folding Bench, Vulcanized Rolls 10 x 1¾ in., Patent Oscillating Water Guide, will Wring either way, ... $60.00

One-twelfth Dozen in a Crate. Weight per Dozen, 540 lbs.

Fig No D4092



Folded up.

Fig. No D4083

Ready for use.

Crown.

PER DOZEN

No. B 11½—Crown, with Grand Rapids Pattern Folding Bench, Vulcanized Rolls 10 x 1¾ in., $51 00

One-twelfth Dozen in a Crate. Weight per Dozen, 460 lbs.

CLOTHES WRINGERS

Cleveland. "Ball Bearing."

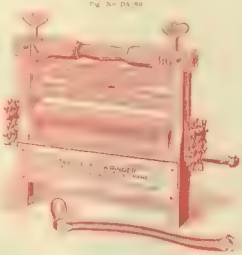
No. 210—Small Family Size, Vulcanized Rolls 10 x 1¾ in.,	$15 00
No. 211—Medium Family Size, Vulcanized Rolls 11 x 1¾ in.,	52 [illegible]
No. 212 Large Family Size, Vulcanized Rolls 12 x 1¾ in., .	[illegible]

Weight per Dozen, No. 210, 230 lbs.; No. 211, 240 lbs.; No. 212, 250 lbs.

Geneva. "Purchase Gear."

	PER DOZEN
No. 203—Small Family Size, Vulcanized Rolls 10 x 1¾ in.,	$45 00
No. 204—Medium Family Size, Vulcanized Rolls 11 x 1¾ in..	53.75
No. 205 Large Family Size, Vulcanized Rolls 12 x 1¾ in.,	62.50

Weight per Dozen, No. 203, 265 lbs.; No. 204, 280 lbs., No. 205, 300 lbs.



Wrought "Steel Clad Frame."

	PER DOZEN.
No. 310 Small Family Size, Vulcanized Rolls 10 x 1¾ in.,	$40.00
No. 312—Medium Family Size, Vulcanized Rolls 11 x 1¾ in ,	47.50
No. 314 Large Family Size, Vulcanized Rolls 12 ,	[illegible]

Weight per Dozen, No. 310, 218 lbs.; No. 312, 240 lbs.; No. 314, 260 lbs.

No Wringers on this page carried in stock, and can only be furnished by direct shipments from factory, viz.: Cleveland, Nos. 210, 211 and 212, from Cleveland, Ohio, Geneva, Nos. 203, 204 and 205, and Steel Clad, Nos. 310, 312 and 314, from Erie, Pa.

Dirk Knives.

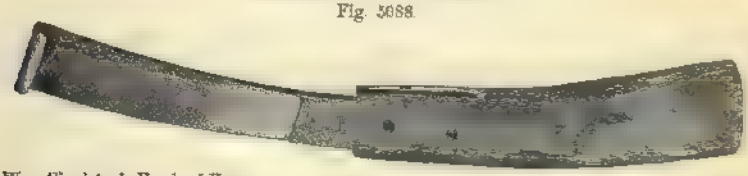
Fig. 5087

No. 266. Dirks, 4½-inch Blade, Pear Handle, Fancy Ferrule, Crocus Finished Blade and Guard, with Leather Sheath, - - - - - - per dozen, $19 00

One-half Dozen in a Package.

Farriers' Knives.

Fig. 5088



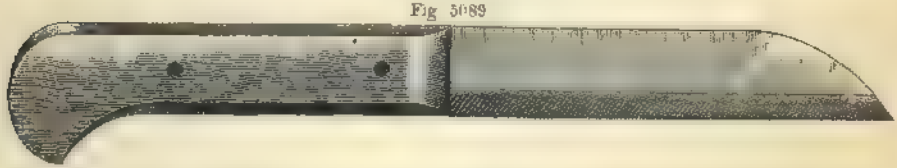
No. 100, Wm. Singleton's Farriers' Knives, - - - - - - per dozen, $4 25
7884, George Wostenholm & Sons' IXL Farriers' Knives, - - " 5 75

One-half Dozen in a Package.

Band Knives.

CANTON

Fig. 5089



No. 1, Canton Band Knives, Sickle Edge, - - - - - per dozen, $4 50

One-half Dozen in a Box

MERIDEN

Fig. 5090

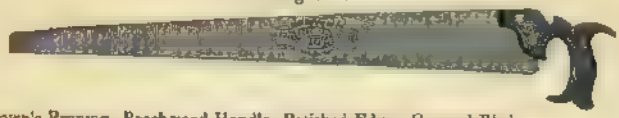
No. 3, Meriden Band Knives, Sickle Edge, - - - - - per dozen, $6 00

One-half Dozen in a Box.

Saws.

PRUNING.

Fig. 758.



No 3, 16 inch, Brown's Pruning. Beechwood Handle, Polished Edges, Grained Blade, - per dozen, $6 75
3, 16-inch, " " " " " " " " 7 50

One-third Dozen in a Box.

Fig. 759. Fig. 760.

No 40 Diston's Improved.

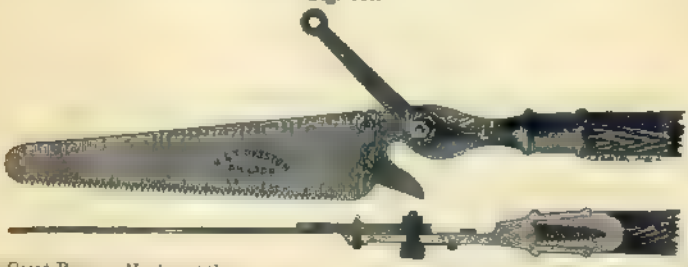
No. 40, 18 inch, Avery's Duplex Pruning, Beechwood Handle, Polished Edges, - per dozen, $7 75

One-third Dozen in a Box

Diston's Improved Pruning Saw and Knife, Japanned Frame - - - " 11 00

One quarter Dozen in a Box.

Fig. 761.

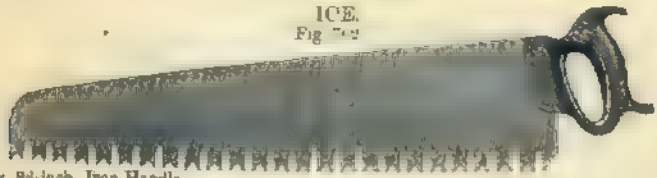


Diston's Little Giant Pruning Hook and Saw, - - - - per dozen, $18 00

One only in a Package

ICE.

Fig 762



Diston's Ice Saw, 26-inch, Iron Handle, - - - - per dozen, $23 00

HANDY.

Fig 763

Handy Saw, 26-inch, Beechwood Handle, Polished Edges, - - per dozen, $9 00

Saws.

KITCHEN AND BUTCHERS'.

Fig 752

Saw Knives.

Fig 753

Nos. 0 and 1, Kitchen.

Cast Steel Saw Knives, - - - - - - - - per dozen, $5 25

	Inches,	12	14	16
No 0, Disston's Kitchen Saws, - - -	Per Dozen,	$5 00	5 00	5 25
1, Kitchen Saws, - - - - -	"	4 50	4 60	4 75

Saw Knives, One Dozen in a Box; Kitchen Saws, One half Dozen in a Box.

Fig 754

No. 50, Flat Back.

	Inches,	14	16	18	20	22	24
No 50, Woodrough & McPartlin's Flat Back, Butchers',	Per Dozen,	$11 00	12 00	13 00	14 00	14 75	15 50

Fig 755

No. 3, Flat Back.

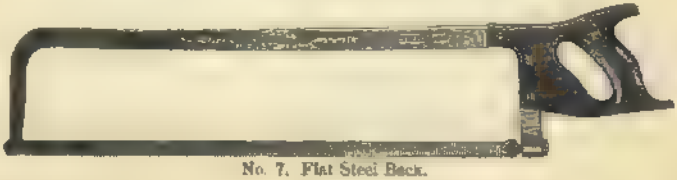
	Inches,	16	18	20	22	24
No. 3, Disston's Flat Back, Butchers, -	Per Dozen,	$20 00	21 50	22 50	23 00	24 00

Fig 756

No 5, California Flat Steel Back, Blued Clock Spring Blade.

	Inches,	20	22	24
No. 5, Disston's California Flat Steel Back, Butchers', -	Per Dozen,	$29 00	30 00	31 00

Fig 757



No. 7. Flat Steel Back.

	Inches,	16	18	20	22	24
No. 7, Disston's Flat Steel Back, Butchers', -	Per Dozen,	$15 00	16 00	17 00	18 00	19 00

All Butchers' Saws, One-third Dozen in a Box

SPURS.

Fig No D5296

Dolphin.

Nickel Plated, Chased, with Chain.

	PER DOZEN PAIRS.
No. 10/S—Dolphin, 1½ in. Rowel, **with Mexican Spur Straps,**	$11.00
No. 10 —Dolphin, 1½ in. Rowel, **without Straps,**	9.00

One-half Dozen Pairs in a Box.

SPUR STRAPS.

Fig No. D5299.

	PER DOZEN PAIRS.
Common, Spur Straps, ½ in.,	$1.50

Fig No D5300

Eureka Spur Straps.

	PER DOZEN PAIRS
Eureka,	$3.00

Fig No D5301

Mexican Spur Straps.

	PER DOZEN PAIRS
Mexican,	$2.50

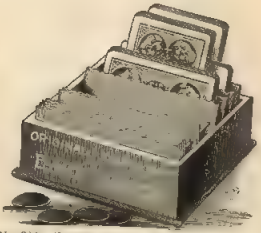
One-half Dozen Pairs in a Package.

GAMES.

DUPLICATE WHIST.

No. 503. Complete set for 12 hands. Finished in Russia red waterproof, with score cards, counters and directions, enclosed in a durable box for convenience in carrying, made on wood frames, per dozen $8 50

No. 403. One size smaller than No. 503, per dozen... .. . ... 4 00



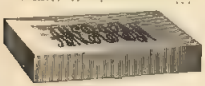
No. 603. Complete set for 12 hands, finished in finest quality maroon cloth, lined with velvet and stamped in gold leaf, score cards, counters, directions, made on wood frames, all contained in strong cloth box, very neat and handsome, per dozen $16 50

BAGATELLE BOARDS.

Are the best ever produced at home or abroad, well made, strong and durable.

No. 353. Size 19¼x 9¾.....per doz., $ 6 00
No. 354. Size 25 x10¾ per doz., 8 00
No. 355. Size 28 x11¾ . per doz., 12 00
No. 356. Size 31 x13 .. ... per doz., 16 50
No. 356½. Size 33 x15 .....per doz., 27 00

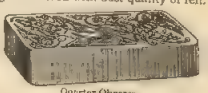
These Boards are made from fine hardwood with extra large bells, brass dials, the first 3 being covered with green oil cloth and the 2 largest covered with best quality of felt.



American Obverse.

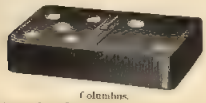
American Toy, twenty-eight pieces natural wood with vermilion spots, packed in gaze paper boxes with engraved label. This Domino is made of hardwood, ½ dozen in package.....per doz., $0 75

Quarter Face.



Quarter Obverse.

Quarter Domino, twenty-eight pieces selected hard maple, in paper boxes, with specially engraved label, ½ dozen in package .... per doz $1 15



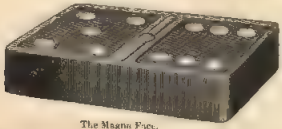
Columbus.

The Columbus, 28 pieces, in strong paper boxes, ½ dozen in package.. per doz., $2 00

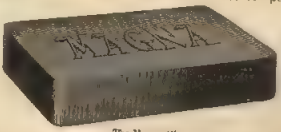
Nubian Face.

Nubian Obverse.

The Nubian twenty-eight pieces, in strong paper boxes, with specially engraved and varnished labels, ½ dozen in package . . . . . per doz., $2 75

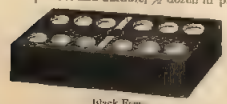


The Magna Face.

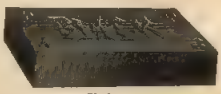


The Magna Obverse.

Twenty-eight pieces, packed in very heavy paper boxes, as represented in the cut. This Domino is of unusual size, each piece will be found perfect and durable, ½ dozen in package. . . . . per doz., $5 25



Black Face.



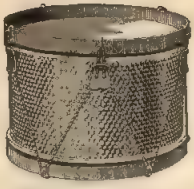
Black Obverse.

Double Nine Black Face.

The Black, twenty-eight pieces, in strong paper boxes, with specially engraved and varnished labels. The immense sale of these Dominoes is caused by their intrinsic goodness they are never defective, the backs are now made with wearing points, ½ dozen in package . . . . . per doz., $3 40

The Double Nine Black, fifty-five pieces, frame boxes, with engraved label, glossed the same as the regular black Domino, with the addition of sevens eights and nines more persons can play and the game has greater possibilities . per doz., $7 80

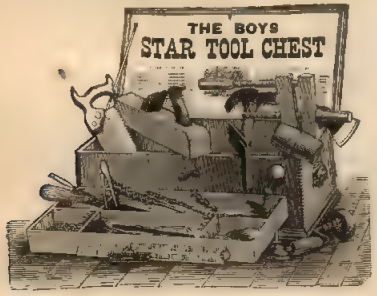
DRUMS.



ASSORTMENT NO. 10. ONLY SOLD BY THE CASE.

Embossed metal drum, imitation brass shell, having embossed figures, red, white and blue cord, and metal hooks and hoops, belts with each drum, excepting the 6½ inch. Case contains:

Diameter 6½ inches	1 dozen.
" 8 "	½ "
" 10 "	½ "
" 13 "	½ "
Per case	$12 00



BOYS' STAR TOOL CHEST.

No. 60 A. Chestnut box with till, 12½x6½x4, hinged cover, with heavy black moldings, containing about 10 tools ..... per doz., $ 4 00
No. 80 A. Chestnut box with tray, 13¾x6¾x4¾, locked corners with heavy black moldings, containing about 15 tools..... per doz., 6 00
No. 700. Chestnut box with tray, 17¾x8¾x6½, with heavy black moldings and bronze handles, containing about 22 tools.... per doz., 9 00
No. 750. Chestnut box with tray, 18¾x9¾x6¾, with heavy black moldings and bronze handles, containing about 24 tools.. per doz., 12 00
No. 900 A. Chestnut box with tray, 20½x10x7½, with heavy black moldings and bronze handles, containing about 35 tools. per doz., 24 00

YOUTHS' SUPERIOR TOOL CHESTS.

All sizes given are inside measures.

No. 12. Chestnut box, 15½x7½x5¾, black walnut molding, bronze handles, with lock and key, and contains 24 superior tools, per doz., $30 00

LINEN TOY BOOKS.

No. 265. Little A B C Book—Linen.

A showy little Alphabet Book at a very modest price. Each letter is illustrated with a common object, having beneath it a name for a spelling lesson. Printed on all linen, with handsomely illustrated cover in colors.
Put up 2 dozen in a package.... per doz., $0 38

No. 267. Little Pets A B C—Linen.

A primer of 12 pages, printed in colors, on linen cloth. Simple lessons in large type for very small children.

Put up in dozen packag's, per dozen, $0 75

No. 279. Little Child's Home A B C—All Linen.

This book contains twenty-four small and six large illustrations in oil colors. The spelling and reading matter is also in very large type. Elegant cover in colors and varnished.
Put up 1 dozen in a package.. .per doz., $2 75

No. 732 Rays of Sunshine.

7½x10½ inches. This book contains 36 pages of colored pictures and numerous black illustrations 72 pages in all. There are six different stories namely "The Frog Who Would a Wooing Go," "The Silly Hare" "Cock Robin" "The Three Little Pigs," "The Three Bears" and "Cinderella." The cover is bright, attractive and novel in appearance.
Put up in dozen packages, per doz., $2 75

No. 280. The Kitten Series—Three Kinds, Mounted on Linen.

The ever popular "Three Little Kittens," "Three Bears" and "Three Little Pigs" are put up 8¼x10½—a little smaller than the paper edition. The series is put up assorted in dozens.
Per dozen $2 75

No. 267½. Pleasewell Series—Mounted on Linen.

Six kinds. A collection of fairy and other wonderful stories that have been household joys for many generations, 8vo, 10 pages and 6 illustrations in each. Printed in colors. The following books comprise the series: "The Three Little Kittens," "The Five Little Pigs," "The House that Jack Built," "The Old Woman and her Pig," "Dame Trot and her Cat," "Mother Hubbard and her Dog
Per dozen..... $0 75

No. 271. Young Folks' Series—All Linen

Six kinds. Comprising six little gems from fairy land, illustrated by one of the best English artists. They contain six full-page pictures finely printed in colors, and six pages of stories in large type. Covers have bright pictures, and are varnished. They embrace the following. "Cinderella," "Three Bears," "Babes in the Wood," "Puss in Boots," "Red Riding Hood," "Jack and the Bean Stalk."
Put up 1 dozen in a package, assorted, per dozen $2 75

No. 285. A B C Series.

This series consists of three of our most popular and salable A B C Books, viz: "Every Baby's A B C," "Little Boys' and Girls' A B C," and "Noah's Ark A B C." Mounted on linen, and put up assorted in dozens.
Per dozen $1 75
No. 272. Jolly Animal A B C—Mounted on linen, dozen in a package, per doz., 2 00
No. 273. Mother Goose Series, three kinds mounted on linen, dozen in a package, per dozen..... 2 00
No. 289. Cock Robin Series, three kinds, mounted on linen, dozen in a package, per dozen 2 00

READ THE PREFACE BEFORE ORDERING.

On orders for $50 00 or over, for Holiday Goods only, pages 1 to 118 to those who have established credit with us, bills will be dated Nov. 1, 1893. No charges made for Boxes and Cartage.

SOLID CAST STEEL HAMMERS.

E. C. SIMMONS' "TRUE BLUE."

Best Grade Crucible Hammer Steel, Baked Steel Finish and Fancy Etched Second Growth White Hickory Handles.
Handled with the **Greiner Patent Everlasting Lock Hammer Wedge,** which positively prevents the Head from ever working loose or flying off the Handle.

Fig. No. D69

Machinists' Riveting, Plain Eye.

Nos.,	0	1	2	3	4	5	6
Weight, without Handle,	4 oz.	7 oz.	9 oz.	12 oz.	15 oz.	1 lb. 2 oz.	1 lb 6 oz.
Per dozen=	$5.50	5.75	6.00	6.25	6.50	7.00	7.50

One-half Dozen in a Wooden Box. Six Dozen in a Case. Average Weight, per Case, 120 lbs.

Fig. No. D70.

Tinners' Riveting, Octagon Face.

	PER DOZEN.
No. 10 Weight, without Handle, 8 oz.,	$6.00
No. 20=Weight, without Handle, 12 oz.,	6.25
No. 30=Weight, without Handle, 1 lb.,	6.75

Fig. No. D71

Tinners' Paneing, Square Face.

	PER DOZEN.
No. 1=Weight, without Handle, 8 oz.,	$6.00
No. 2=Weight, without Handle, 12 oz.,	6.25
No. 3=Weight, without Handle, 1 lb.,	6.75
No. 4=Weight, without Handle, 1 lb. 4 oz.,	7.25

One-half Dozen in a Wooden Box. Six Dozen in a Case. Average Weight, per Case, 120 lbs.

Fig. No. D72

Blacksmiths' Hand, Plain Eye.

	PER DOZEN.
No. 0=Weight, without Handle, 1 lb. 10 oz.,	$13.00
No. 1=Weight, without Handle, 2 lbs.,	14.00
No. 2 Weight, without Handle, 2 lbs. 10 oz.,	15.00
No. 3 Weight, without Handle, 3 lbs.,	16.00
No. 4=Weight, without Handle, 3 lbs. 8 oz.,	17.00

Fig. No. D73

Machinists' Ball Pein, Octagon Neck.

	PER DOZEN.
No. 000 Weight, without Handle, 8 oz.,	$12.00
No. 00 =Weight, without Handle, 12 oz.,	12.00
No. 0 =Weight, without Handle, 1 lb.,	12.50
No. 1 Weight, without Handle, 1 lb 4 oz.,	13.50
No. 2 =Weight, without Handle, 1 lb. 8 oz.,	14.50
No. 3 =Weight, without Handle, 1 lb. 12 oz.,	15.50
No. 4 Weight, without Handle, 2 lbs.,	16.50

One-third Dozen in a Wooden Box. Six Dozen in a Case. Average Weight, per Case, 175 lbs.

SOLID CAST STEEL HAMMERS.

D. MAYDOLE HAMMER CO.

Fig. No. D74

Plain Eye and Face, Joiners'.

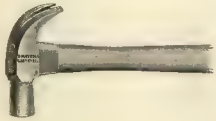
	PER DOZEN.
No. 21½—Weight, without Handle, 15 oz., .	$4.50
No. 22—Weight, without Handle, 12 oz., .	4.00
No. 23—Weight, without Handle, 7 oz., **(Brad)**,	3.50

Fig. No. D75.

Plain Eye, Bell Face, Joiners'.

	PER DOZEN.
No. 31½—Weight, without Handle, 14 oz., .	$4.50
No. 32—Weight, without Handle, 11 oz., .	4.00
No. 33—Weight, without Handle, 7 oz., **(Brad)**,	3.50

Fig. No. D76



Adze Eye, Nail.

	PER DOZEN.
No. 1—Weight, without Handle, 1 lb. 4 oz., .	$8.00
No. 1½—Weight, without Handle, 1 lb., . .	7.00
No. 2—Weight, without Handle, 13 oz., . .	6.00
No. 3 Weight, without Handle, 7¼ oz., . .	5.00

Fig. No. D77

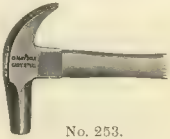
Adze Eye, Nail, Bell Face.

	PER DOZEN.
No. 11—Weight, without Handle, 1 lb. 3 oz., .	$8 00
No. 11½—Weight, without Handle, 1 lb., . .	7 00
No. 12—Weight, without Handle, 12 oz., .	6 00
No. 13 Weight, without Handle, 7 oz., .	5.00

Fig. No. D78.

No. 55
Plain Eye.

Fig. No. D79.



No. 253.
Adze Eye.
Farriers'.

Fig. No. D80

No. 152.
Boston Pattern, Adze Eye.

	PER DOZEN.
No. 55—Plain Eye, Weight, without Handle, 7 oz.,	$3.50

	PER DOZEN
No. 253—(Old No. 52) Adze Eye, Weight, without Handle, 8 oz., .	$5.00

	PER DOZEN.
No. 152—(Old No. 51) Boston Pattern, Adze Eye, Weight, without Handle, 10 oz., .	$6.00

One-half Dozen in a Box. Twelve Dozen in a Case. Average Weight, per Case, 200 lbs.

Corn Shellers.

CYCLONE.

Fig. 4599.

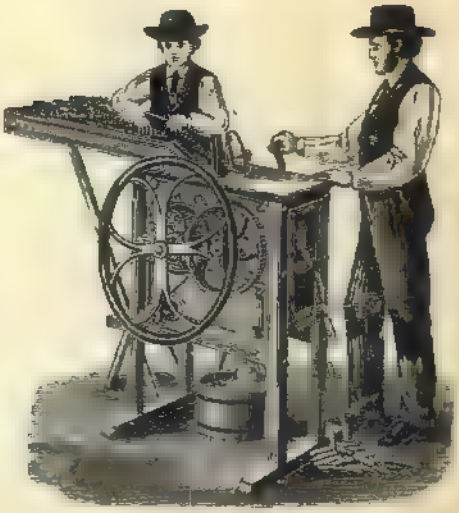
No. 0, Cyclone Corn Sheller, - - - - - - - - each, $3 00

EAGLE.

Fig. 4600.

No. 1

Fig. 4601.



No. 3

No 1, Single-Hole Hand Corn Sheller Hardwood Frame, Varnished and neatly Striped, Diameter of Balance Wheel 25 inches, with Wrought Iron Spokes, Weight 125 pounds, - each, $ 9 00
2, Same as No. 1, with Fan. Weight 135 pounds, - - - - " 10 50
3, Two-Hole Corn Sheller, with Crank, Pulley, Feed Wheel and Fan, Weight 200 pounds, - " 21 00

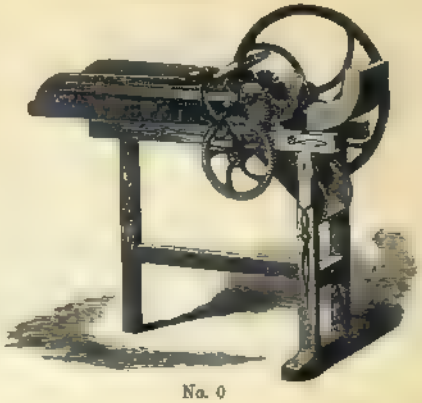
Feed Cutters.

EAGLE.

Fig. 4602.

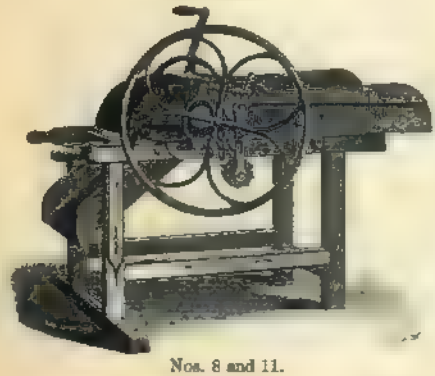
No. KD.

Fig 4603.



No. 0

Fig 4604.



Nos. 8 and 11.

No. 4605.

Nos. 13, 15 and 20.

Hand Feed Cutters.

No. 0,	Has one 8-inch Knife, weighs 100 pounds, cuts ¼ and ½ inch,							each,	$14 50
8,	" 8- " " " 150 " " ⅜, ⅝, ¾ and 1¼ inches,							"	18 00
KD,	" 11- " " " 150 " " ⅜, ⅝, ¾ and 1¼ "							"	15 00
11,	" 11- " " " 185 " " ⅜, ⅝, ¾ and 1¼ "							"	22 00

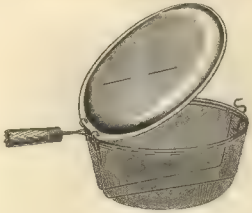
Power Feed Cutters.

No. 13,	Has two 13-inch Knives, weighs 300 pounds, cuts ¼, ½, ¾ and 1¼ inches, Capacity, two to three tons of Green Fodder per hour,	each,	$40 00
15,	Has two 15-inch Knives, weighs 350 pounds, cuts, ¼, ½, ¾ and 1¼ inches, Capacity, three to five tons of Green Fodder per hour,	"	45 00
20,	Has two 20-inch Knives, weighs 600 pounds, cuts, ⅜, ½, ¾ and 1¼ inches, Capacity, eight to ten tons of Green Fodder per hour,	"	75 00

SIMMONS HARDWARE COMPANY

CORN POPPERS.

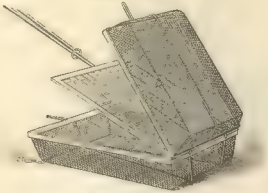
Fig. No. D3624



Round.

	PER DOZEN.
No. 4—Round,	$2.25

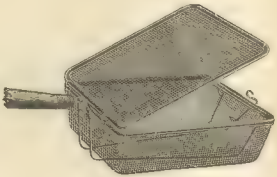
Fig. No. D3625



Reversible.

	PER DOZEN.
No. 3—Reversible,	$4.50

Fig. No. D3626



Oblong.

	PER DOZEN.
No. 1—Oblong,	$2.25
No. 2—Oblong, Extra Large (2 Quarts),	4.50
No. 5—Oblong, Extra Large (4 Quarts),	6.50

One-half Gross in a Box.

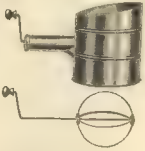
FLOUR SIFTERS.

Fig. No. D3627.

Adams & Westlake, Royal.

	PER DOZEN.
Adams & Westlake, Royal, Capacity 3 Pints,	$4.00

Fig. No. D3628



Hunter's Pattern.

	PER DOZEN.
No. 1—Hunter's Pattern, Capacity 3 Pints,	$4.50

One Dozen in a Package.

FLOWER POT BRACKETS.

Fig. No. D3117.

Cut One-quarter Size.

PER DOZEN.

No. 35—Etruscan Bronzed, Surface **not Ground,** $1.00

One Dozen in a Box. Packed with Screws.

Fig. No. D3118.

PER DOZEN

No. 0056—Etruscan Bronzed, Surface **not Ground,** 5 in. Arm, One $4\frac{1}{2}$ in Plate, . $1.80

One-third Dozen in a Box. Packed with Screws.

Fig. No. D3119

PER DOZEN.

No. 0134—Etruscan Bronzed, Surface **not Ground,** 6 in. Arm, One 5 in. Plate, Threaded, $3.00

No. 0234—Etruscan Bronzed, Surface **not Ground,** 8 in. Arm, One 6 in. Plate, Threaded, 4.00

Fig. No. D3120

PER DOZEN

No. 0434—Etruscan Bronzed, Surface **not Ground,** 12 in. Arm, One 5 in. and One 6 in. Plate, Threaded, . . $5.75

Fig. No. D3121

PER DOZEN

No. 0634—Etruscan Bronzed, Surface **not Ground,** 8 in. Arms, Two 6 in. Plates, Threaded, . . $6.25

Fig. No. D3122

PER DOZEN.

No. 0934—Etruscan Bronzed, Surface **not Ground,** 12 in. Arms, Two 5 in and Two 6 in Plates, Threaded, $13.00

One-third Dozen in a Box. Packed with Screws.

SIMMONS HARDWARE COMPANY

HAND RAIL BRACKETS.

Fig. No. D3111

Cut One-half Size.

PER DOZEN.

No. 5512 2¾ in. Plate, Wrought Iron, **Japanned,** $2.25

One-half Dozen in a Box. Without Screws.

Fig. No. D3112

PER DOZEN.

No. 1023 Etruscan Bronzed, Surface **not Ground,** $2.00

One-half Dozen in a Box. Packed with Screws.

Fig. No. D3113

PER DOZEN.

No. 0023—3 in., **Etruscan Bronzed,** Surface **not Ground,** $3.00

One-half Dozen in a Box. Packed with Screws.

Fig. No. D3114

One-half Size Cut of 3 in.

No. 5800—Etruscan Bronzed, Surface **not Ground.**

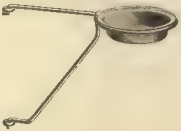
Inches, ...	3	4
Per dozen, ...	$1.75	2.00

One Dozen in a Box. Without Screws.

FLOWER POT BRACKETS.

For Windows.

Fig. No. D3115

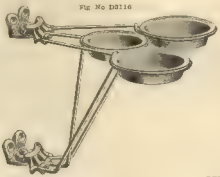


PER DOZEN.

No. 1K—Holds one 6 inch Pot, **Complete with Pan** for each Pot, ... $3.00

Packed One Dozen in a Box Complete.

Fig. No. D3116



PER DOZEN.

No. 3K—Holds two 6 inch Pots and one 4 inch Pot, **Complete with Pans** for each Pot, $9.00

Packed One-half Dozen in a Box Complete.

SIMMONS HARDWARE COMPANY

POWDER FLASKS.

Fig. No. D7438

Fig. No. D7439

PER DOZEN.

No. 101 2 oz., Bush Pattern, Outside Spring, Common Quality, ... $3.30

PER DOZEN.

No. 114 4 oz., Dog Pattern, Outside Spring, Common Quality, ... $4.00

Fig. No. D7440.

Fig. No. D7441

Fig. No. D7442.

PER DOZEN.

No. 140—8 oz., Assorted Shell and Rabbit Pattern, Outside Spring, Common Quality, $4.00

PER DOZEN.

No. 18—8 oz., Shell Pattern, Outside Spring, Medium Quality, ... $6.00

PER DOZEN.

No. 54—12 oz., Half Fluted Pattern, Outside Spring, Common Quality, . $7.50

Fig. No. D7443.

Fig. No. D7444

Fig. No. D7445.

PER DOZEN.

No. 40—10 oz., Oak Leaf Pattern, Outside Spring, Common Quality, ... $6.50

PER DOZEN.

No. 57—16 oz., Fine Fluted Pattern, Outside Spring, Common Quality, . $9.50

PER DOZEN.

No. 58 -16 oz., Fine Fluted Pattern, Patent Inside Spring, Common Quality, . $13.00

Nos. 101 and 114, One Dozen in a Box; Nos. 140, 18, 54, 40, 57 and 58, One-half Dozen in a Box.

DECOY DUCKS.

Fig. No D7432

Mallard Male.

Fig. No D7433

Mallard Female.

Solid White Cedar Wood Decoy Ducks, Mallards, Redheads and Canvas Backs, Male and Female.

	PER DOZEN.
No. 1 Nicely Painted,	$8.00
No. 2—Painted,	7.00

One Dozen in a Crate.

HOLLOW COLLAPSIBLE CANVAS DECOYS.

Fig. No D7434

Collapsible Canvas Decoy Ducks, with Anchors.

Made of Best Canvas, with three coats of Waterproof Dressing and one coat of Paint, making Waterproof and Air Tight. Painted true to life.

	PER DOZEN.
No. 3—Mallards, Male and Female,	$10.50
No. 4—Canvas Back, " "	10.50
No. 5—Teal, " "	10.50
No. 6—Red Head, " "	10.50
No. 7—Blue Bill, " "	10.50
If Anchors are not wanted, deduct	.50

One Dozen in a Portable Wood Case.

Fig. No D7435

Canvas Decoy Geese.

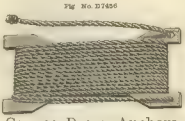
Cut represents Goose Decoy with Faucet inserted ready for use. Decoy has a Brass Faucet made with tapering gimlet screw, which can be easily inserted with the hand. Are made up with loops to insert wires to set them on land for field shooting.

	PER DOZEN.
No. 12—Without Faucets or Wires,	$18.00
Faucets, EXTRA,	3.00
Wires, "	2.50

How to Inflate Canvas Duck Decoys.

At first it is best to place the cork loosely in the air valve, then hold the air valve with your thumbs and fore-fingers. Take the cork out with your teeth and close your lips around the air valve and fill the Decoy tightly with air, and place the cork in the valve with your teeth before removing the lips, so as not to allow any air to escape.

Fig. No. D7436



Canvas Decoy Anchors.

Made of Pure Lead, with 6 feet of Cord attached. Cord is adjustable to any desired length

	PER DOZEN
No. 11—Canvas Decoy Anchors,	$0.50

Fig. No D7437

Danz Folding Decoy Geese.

	PER DOZEN
No. 10 Sheet Iron Profile, Well Painted,	$12.00

One Dozen in a Case.

SHOT POUCHES.

Fig. No. D7448

Fig. No. D7447

PER DOZEN.

No. 422—2½ **lbs.**, Plain Pattern, Medium Russet Leather, Irish Charger, . . . $4.25

Dog and Tree Pattern, Medium Russet Leather, Brass Lever Charger.

	PER DOZEN.
No. 4009—2½ **lbs.**, .	$7.00
No. 4010—3 " . . .	7 50
No. 4013—4 " . . .	8.50

One-half Dozen in a Box.

SHOT BELTS.

Fig. No. D7449.

Fig. No. D7449.

PER DOZEN.

No. 590 Single Straight English, End Buckle Strap, Shoulder Belt, Common Russet Sheepskin, **Irish Charger,** $3.00

PER DOZEN.

No. 601—Single Straight English, Shoulder Belt, Common Russet Sheepskin, with Leather Strap, **Fast Patent Charger,** $5.75

Fig. No. D7450

Fig. No. D7451

PER DOZEN.

No. 595 Double Straight English, Shoulder Belt, End Buckle Strap, **Irish Chargers,** Common Russet Sheepskin, ... $ 6.00

No. 596—Double Straight English, Shoulder Belt, **Fast Patent Chargers,** Russet Sheepskin, . 10.70

PER DOZEN.

No. 598 Double Straight English, Shoulder Belt, **Lever Chargers,** Russet Sheepskin, Leather Strap, ... $15.25

One-half Dozen in a Box.

INK STANDS.

Fig. No. D3905

PER DOZEN.

No. 62—Bronzed, Complete with Glass Ink Well, ... $1.75

One-half Dozen in a Box.

Fig. No. D3906

PER DOZEN.

No. 90—Copper Bronzed and Blue, Complete with Plain Glass Bottles, ... $11.00

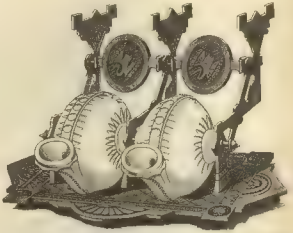
One-twelfth Dozen in a Box.

Fig. No. D3907

PER DOZEN.

No. 20—Copper Bronzed and Blue, Complete with Plain Glass Bottle, . . . $5.50

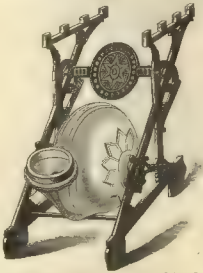
Fig. No. D3908



PER DOZEN.

No. 180—Verde Antique, Complete with Opal Glass Bottles, ... $10.00

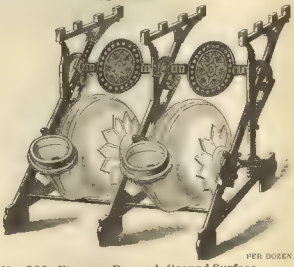
Fig. No. D3909



PER DOZEN.

No. 270 Etruscan Bronzed, Ground Surface, Complete with Opal Glass Bottle, . $4.50

Fig. No. D3910



PER DOZEN.

No. 280 Etruscan Bronzed, Ground Surface, Complete with Opal Glass Bottles, . $6.75

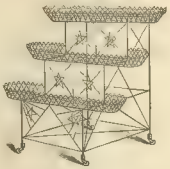
One-twelfth Dozen in a Box.

Cuts Two-thirds Size.

WIRE FLOWER STANDS.

Fig. No. D6283.

Fig. No. D6284.



	EACH
No. 20—Stand, without Arch, 36 in. long, 18 in. deep,	$6.50
No. 30—Stand, without Arch, 36 in. long, 26 in. deep,	$8.50

Fig. No. D6285.

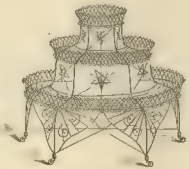


Fig. No. D6286.

	EACH.
No. 11—Stand, without Arch, 48 in. long, 32 in. deep,	$11.00
No. 50—Stand, without Arch, 36 in. long, 24 in. deep,	$8 00
No. 60—Stand, without Arch, 42 in. long, 28 in. deep,	9 00

Flower Stands are always racked at an extra charge of from 75c. to $1 50 each, **unless otherwise specially ordered,** and if shipped without Rack, will be at purchaser's risk of damage, and at extra freight.

Wire Goods.

FRUIT BASKETS.

Fig. 6242

	Nos.	1	2
Diameter,	Inches,	9	12
	Per Dozen,	$9 00	12 00

Fig. 6243

	No.	6
Diameter,	Inches,	9
	Per Dozen,	$12 00

One in a Package.

SPONGE BASKETS.

Fig. 6244.

Nos.	1	2	3
Inches,	7x4	8x5½	10x6½
Per Dozen,	$4 50	6 00	8 00

One-half Dozen in a Package.

VEGETABLE BOILERS.

Fig. 6245.

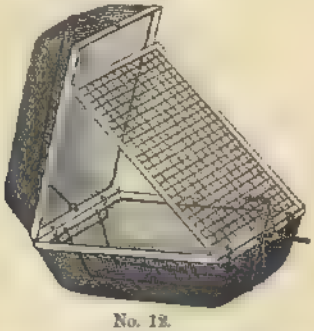
	Nos.	1	2	3	4	Ass'd
Diameter,	Inches,	8	7	6	6	6 to 9
	Per Dozen,	$2 25	2 50	2 85	3 20	2 70

One Dozen in a Package.

CORN POPPERS.

Union.

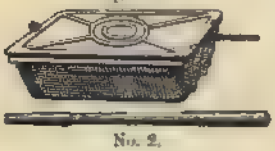
Fig. 6247.



No. 12.

Square.

Fig. 6246.



No. 2.

Round.

Fig. 6248.

No. 3.

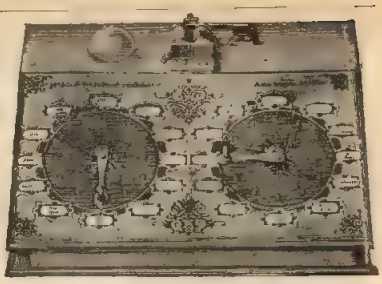
No. 1,	1 qt.,	Square,	Wire Braced,	Wire Lad.	pr dz.	$2 00	No. 7,	2 qts., Square, Wire Braced, Wire Lad. pr dz. $4 00
2,	1 "	"	"	" Tin	"	" 2 00	8,	4 " " " " " " 9 00
3,	1 "	Round,	"	" "	"	" 2 00	9,	8 " " " " " " 32 00

No. 12, 1½ quart, Union, Wire Braced, per dozen, $8 75

MACHINE SHOP AND FORGE.

THIS IS A SPLENDID PIECE FOR SHOW WINDOWS.

This larger and more interesting toy represents the interior of a Machine Shop and Engine Room. It is 18 inches long by 11 inches high and 4 inches deep, nicely arranged in a wooden box. Our Upright Engine placed in position in the engine room will run the two lines of shafting, blow the bellows, and cause the old "smith" and his helper to weld a bar of iron with the "ten pound ten" blows of the hammers.....per doz., net, $9 00



THE ELECTRIC TEACHER.

No. 866. Desk shape, oak case, fitted with electric bell and dry battery, six different cards of geographical, historical, arithmetical and amusing questions and answers, 9½x8 inches, per dozen.....net, $42 00

MECHANICAL ATTACHMENTS.

For Toy Steam Engines, 6x6 inches, per dozen, net, $3 75

ROMEO AND JULIET.

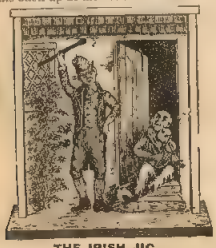
Romeo *plays vigorously*, while Juliet peeps from her window and throws him repeated kisses; the old man peeks out from the half open door, and unseeing Romeo, he makes the dark lover suddenly acquainted with the toe of his boot, while the black cat under the window gets his back up at the row.

THE OLD MILL.

When the toy is in motion the Old Mill sails go round, and the old Miller beats his donkey, who instead of going ahead, kicks up behind, thus making an interesting scene

VILLAGE PUMP.

When the scene is in motion, the youngster at the handle pumps hard, while the thirsty boy catches the running water from the spout in his hat and carries it to his lips and drinks, the three motions being extremely animated and natural.



THE IRISH JIG.

When in motion the old man draws his bow to a lively tune, while Pat merrily steps out the Jig to the tune of the old man's playing, at the same time twirling his black thorn Shillalah, in true Irish style.

THE ORGAN GRINDER.

When in motion, the Italian leisurely turns the crank, while Jocko takes off his hat, in thanks for the coin.

This is a well known and always pleasing scene for children.

THE SMOKER.

When the toy is in motion, the flame and smoke of the fire go slowly up the chimney, while fat old Hans takes the pipe from his mouth, which he opens wide, letting great puffs of smoke roll upwards, the several motions making a very effective and realistic scene.

READ THE PREFACE BEFORE ORDERING.

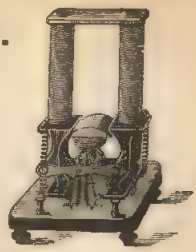
On orders for $50 00 or over, for Holiday Goods only, pages 1 to 113 (to those who have established credit with us), bills will be dated Nov. 1, 1893. No charges made for Boxes and Carriage.

ELECTRIC TOYS.

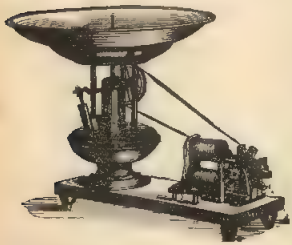
EXCELLENT SHOW PIECES.

No. 140. Electric "Merry go Around," complete with a 151 motor and battery..... per doz., net, $45 00

No. 146. Electric Dredge and Conveyer, complete with a 151 motor and battery, per doz., net $54 00

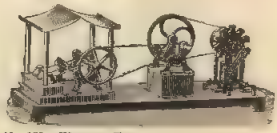


No. 161. Dynamo, very powerful, complete with battery .. . per doz., net, $36 00

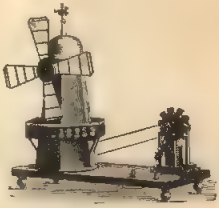


No. 139. Electric Fountain, complete with a 151 motor and battery..... per doz., net, $60 00

No. 151 Electro Motor with battery, complete..... per doz., net, $24 00



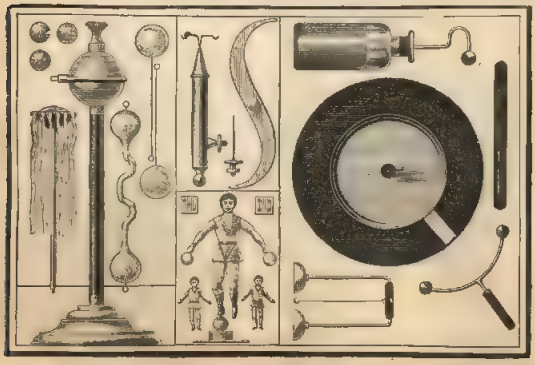
No. 136. Electric Forge, complete with a 151 motor and battery, in one piece, per dozen, net..... $36 00



No. 143. Electric Wind Mill, complete with a 151 motor and battery, per dozen, net..... $45 00

ELECTRIC EXPERIMENT BOXES.

Instructive and entertaining experiments, suitable for older boys, being a means for the furtherance of instruction in physics. Each piece has been tested before being sent out.



FREE ELECTRICITY OR ELECTROSTATIC INDUCTION.

Box of experiments B 1, contains 12 solidly constructed objects accompanied by book of correct illustrations and easy and clear instructions.

CONTENTS.

1. One Vulcanite Electrophorus.
2. One brass Prime Conductor with Vulcanite handle.
3. One piece of Flannel for exciting the Electrophorus.
4. One Universal Stand, finely wrought in Brass.
5. One Electrical Fly Wheel, complete.
6. One Electrical Double-Pendulum, complete.
7. One Electrical Harlequin.
8. One Electrical Belichimes.
9. Pith Balls for executing the Ball Dance, Dice and small figures of Elder pith for various experiments.
10. One Gusseler Tube.
11. One Electrical Hercules.
12. One Leyden Jar, including discharger.

Per dozen, net..... $54 00

No. A. Same as above, one size smaller, per dozen, net... .... 24 00

READ THE PREFACE BEFORE ORDERING.

On orders for $50 00 or over, for Holiday Goods only, pages 1 to 113 (to those who have established credit with us), bills will be dated Nov. 1, 1893. No charges made for Boxes and Cartage.

Elgin Watch Co.'s Movements.

O, 6, 16 AND 18 SIZE, HUNTING AND OPEN FACE, STEM AND KEY WIND. LIST PRICES EACH.

O Size.

6 Size.

18 Size.

16 Size.

18 Size, Stem Wind, Hunting, Named.

B. W. RAYMOND,	Nickel, Expansion Balance, 15 Jewels in Settings	$40 00
B. W. RAYMOND,	Gilded, Expansion Balance, 15 Jewels in Settings	35 00
H. H. TAYLOR,	Nickel Patent Regulator	30 00
H. H. TAYLOR,	Gilded Patent Regulator	25 00
G. M. WHEELER,	Nickel, Patent Regulator	20 00
G. M. WHEELER,	Gilded Patent Regulator	18 75

18 Size, Stem Wind, Hunting, Nameless.

No. 33.	Nickel, Same as H. H. Taylor	30 00
No. 36.	Gilded, " "	25 50
No. 125.	Gilded, 15 Jewels	23 75
No. 126.	Nickel, 15 Jewels	25 00
No. 103.	Nickel, Same as G. M. Wheeler	20 00
No. 32.	Gilded, " "	18 75
No. 102.	Half Nickel, 11 Jewels	13 75
No. 10.	Gilded, 11 Jewels	13 13
No. 96.	Gilded, 7 Jewels	10 00

18 Size, Stem Wind, Pendant Set.

Open Face Only.

B. W. RAYMOND,	Nickel, Same as Hunting	$40 00
B. W. RAYMOND,	Gilded, Patent Regulator, Adjusted	35 00
H. H. TAYLOR,	Nickel	30 00
No. 124.	Nickel, 15 Jewels	25 00
No. 123.	Gilded, 15 Jewels	23 75
G. M. WHEELER,	Gilded, Patent Regulator	18 75
G. M. WHEELER,	Full Nickel, Patent Regulator	20 00
No. 44.	Nickel, Same as G. M. Wheeler, Patent Regulator	20 00
No. 76.	Gilded, Same as H. H. Taylor, Patent Regulator	25 00
No. 75.	Same as G. M. Wheeler, Patent Regulator	18 75
No. 48.	Half Nickel, 11 Jewels	13 75
No. 74.	Expansion Balance, 11 Jewels	13 13
No. 78.	Expansion Balance, 7 Jewels	10 00

16 Size, Stem Wind, ¼ Plate.

For Hunting Only.

No. 4.	Nickel, Expansion Balance, 15 Jewels, 4 Pairs Settings	$30 00
No. 3.	Gilded, " " 15 Jewels, 4 "	23 75
No. 2.	Gilded, " " 13 Jewels, 3 "	18 75
No. 127.	Nickel, Compensation Balance, 11 Jewels	14 38
No. 92.	Gilded, Expansion Balance, 11 Jewels	13 13
No. 114.	Gilded, Expansion Balance, 7 Jewels.	10 00

16 Size, Stem Winding, Interchangeable.

For Hunting or Open Face.

No. 71.	Nickel, Compensation Balance, Adjusted to Heat, Cold, Isochronism and Position, 21 Jewels, Gold Settings, Breguet Hair-Spring, Pat. Regulator	$212 50
No. 50.	Nickel, Expansion Bal., Adjusted, 15 J., Pat. Reg., 4 Pairs Settings	45 00

16 Size, Stem Wind, Bridge, Interchangeable.

No. 86.	Nickel, Expansion Bal., Adj., 15 J., Pat. Reg., 4 Pairs Settings	$45 00

16 Size, Stem Wind, Pendant Set.

No. 108.	Nickel, Expansion Balance, 15 Jewels, 4 Pairs Settings	$30 00
No. 107.	Gilded, " " 15 Jewels, 4 " "	23 75
No. 106.	Gilded, " " 13 Jewels, 3 " "	18 75
No. 128.	Nickel, Compensation Balance, 11 Jewels	14 38
No. 105.	Gilded, Expansion Balance, 11 Jewels	13 13
No. 104.	Gilded, " " 7 Jewels.	10 00

6 Size, Stem Wind, Nameless.

No. 122.	Nickel, Exp. Bal., Adj., 17 J., raised Gold Set., Breg. Hair-Spring	$50 00
No. 121.	Nickel, Expansion Balance, 15 Jewels, 4 Pairs	25 00
No. 120.	Nickel, 13 Jewels, 3 Pairs in Settings	18 75
No. 119.	Nickel, 11 Jewels	15 63
No. 118.	Expansion Balance, 11 Jewels	14 38
No. 117.	Expansion Balance. 7 Jewels	11 25

O Size, ¼ Plate.

No. 112.	Nickel, Same as No. 71	$50 00
No. 111.	Nickel, " No. 67	25 00
No. 115.	Nickel, " No. 45	18 75
No. 110.	Nickel, " No. 101	15 63
No. 113.	Gilded, " No. 94	14 38
No. 109.	Gilded, " No. 95	11 25

FANCY DIALS ON ELGIN MOVEMENTS $2.50 LIST EXTRA.

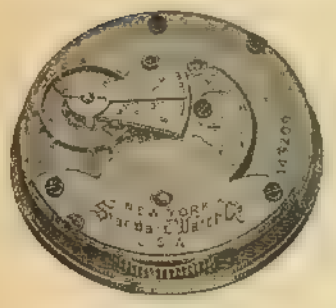
We carry a larger stock of American Watches than any other firm. A call will convince any one of the fact; hence we can often fill orders for goods that are not in the stock of other jobbers. We have all new goods as soon as introduced, at market prices. This department is under the personal supervision of one of the firm, and its annual sales are greater than any other house. DISCONTINUED GOODS AT SPECIAL PRICES OFTEN ON HAND.

S. F. MYERS & CO., NEW YORK.

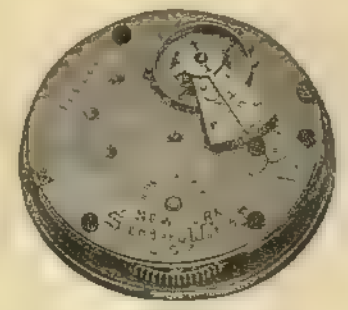
A Full Line of all Watch Materials will always be found in our Tool and Material Department. Refer to our Special Illustrated Catalogue, sent free on application.

New York Standard Watch Co.'s Movements.

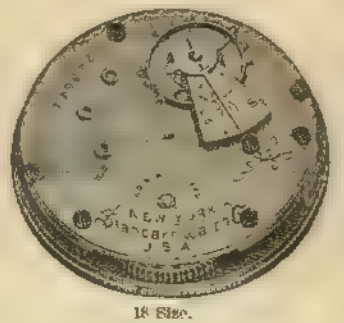
6 AND 18 SIZE, HUNTING AND OPEN FACE, STEM WIND. FIT ALL AMERICAN CASES OF SIMILAR SIZE. LIST PRICES EACH.



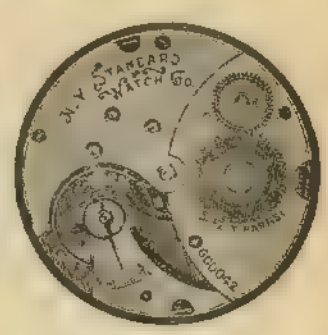
18 Size.
Full Plate, New Model.
No. 34. Nickel, Damaskeened—Hunting, 7 Jewels, Quick Train, Lever Set, Safety Pinion, Compensation Balance. Fits all 18 Size American Cases $7 50
No. 38. Gilt, Plain—Same as above . . 7 50



18 Size
Full Plate, New Model.
No. 35. Nickel Damaskeened—Open Face, 7 Jewels, Quick Train, Lever Set, Safety Pinion, Compensation Balance. Fits all 18 Size American Cases .. $7 50
No. 37. Gilt, Damaskeened Same as above 7 50
No. 39. Gilt, Plain—Same as above 7 50



18 Size.
Full Plate, New Model.
No. 40. Nickel, Damaskeened—Hunting 11 Jewels in Setting, Cut Compensation Balance, Safety Pinion, Assorted Fancy D. S Dials, Lever Set $10 00
No. 42. Gilt, Plain Same as above 10 00
No. 41. Nickel Damaskeened—Open Face Same as above .. 10 00
No. 43. Gilt, Plain—Open Face, Same as above..... 10 00

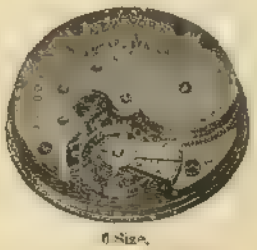


16 Size.
New Thin Model, Lever Set.

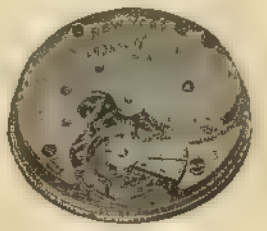
O.F No	Htg No		
63	64	Nickel, Damaskeened—16 Jewels in Settings, Micrometer Regulator, Exposed Pallets, Compensation Balance, Safety Barrel, Breguet Hair Spring Adjusted to Temperature. Isochronism and position, Artistic Glass Enameled Dial, Plain or Fancy. .. .	$25 00
65.	66	Gilt, same as above	21 25
59.	60.	Nickel, Damaskeened—16 Jewels in Settings, Compensation Balance, Safety Barrel, Breguet Hair Spring Micrometer Regulator, Artistic Glass Enameled Dial, Plain or Fancy . .	18 25
61	62.	Gilt, same as above	18 25
55	56.	Nickel, Damaskeened—11 Jewels in Settings, Compensation Balance, Safety Barrel, Micrometer Regulator, Breguet Hair Spring, Artistic Glass Enameled Dial, Plain or Fancy	12 50
57	58	Gilt, same as above . ..	12 50
51	52.	Nickel, Damaskeened 7 Jewels, Train Bearings in Metal Settings, Compensation Balance, Superior White Glass Enameled Dial	9 38
53.	54.	Gilt, same as above ..	9 38

Showing Fancy Dial on 11 Jewel Movements. No Extra Charge for the same. A large variety in Assorted Colors.

BEST MOVEMENTS MADE FOR THE MONEY



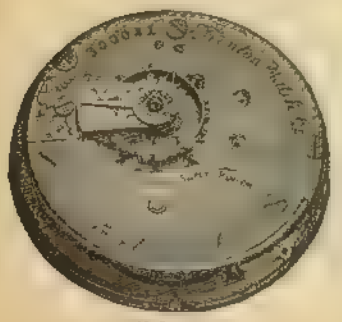
6 Size.
No. 48. Nickel Damaskeened 11 Jewels in Settings, Cut Compensation Balance, Quick Train, Lever Set, Safety Pinion, Assorted Fancy D. S Dials . . $11 25
No. 50. Gilt, Plain Same as above . . 11 25



6 Size
¾ Plate, Hunting.
No. 44. Nickel Damaskeened—7 Jewels, Quick Train, Lever Set, Safety Pinion; will fit all regular 6 Size Pendant or Lever Set Cases ..... $ 8 75
No. 46. Gilt, Plain Same as above . . . 8 75

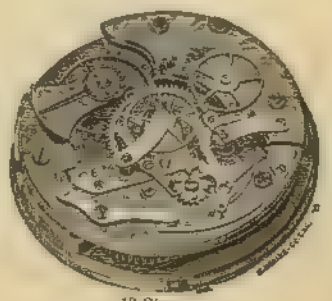
Trenton Watch Co.'s Movements.

16 AND 18 SIZE, HUNTING AND OPEN FACE, STEM WIND. FIT ANY AMERICAN CASE OF SAME SIZE. LIST PRICES EACH.



18 Size
No. 70. Nickel, Damaskeened 7 Jewel Compensation Balance $7 50
No. 71 Gilded—Same as above 7 50
6 Size
No. 50. Nickel—Same as above. $8 75
No. 51. Gilded— " " " . 8 75

18 Size.
No. 80. Nickel, Damaskeened 11 Jewels, Compensation Balance. $10 00
No. 81. Gilded—Same as above. 10 00
6 Size.
No. 55. Nickel Same as above $11 25
No. 56. Gilded— " " " . 11 25



18 Size.
Chronograph, Open Face Only.
No. 96. Gilded 9 Jewels, Compensation Balance with 1-5 Second Stop Start and Fly Back Attachment $37 50

6 Size
No. 50. Nickel—7 Jewels, Cut Expansion Balance $8 75
No. 51. Gilded 7 Jewels, Cut Expansion Balance 8 75
No. 55. Nickel—11 Jewels, Cut Expansion Balance 11 25
No. 56. Gilded—11 Jewels, Cut Expansion Balance 11 25

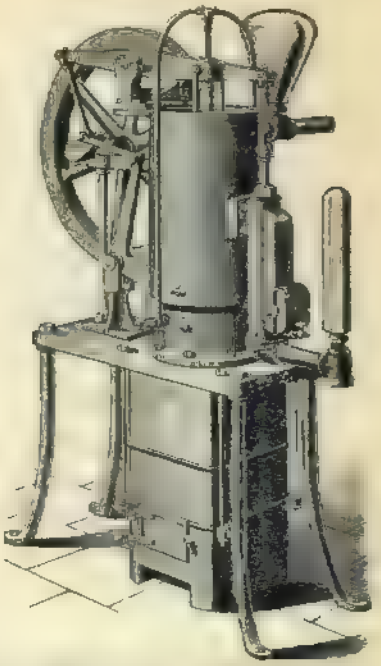
Hot Air Pumping Engines.

RIDER

Fig. 2446.

ERICSSON

Fig. 2447.



RIDER.

No.	Diam. of Cylinder.	Floor Space Required.	Height over all.	Suction and Discharge Pipe.	Weight.	Revolutions per Minute.	Gallons per hour 50 feet high.	Cubic feet of Gas per hour.	Anthracite Coal per hour.	With Coal or Wood Furnace. Each.	With Gas Furnace. Each.
1	4 in.	1 ft. 6 in. x 2 ft. 2 in.	3 ft. 9 in.	1 in.	490 lbs.	120 to 200	200	30	...		$200 00
2	4½ "	1 " 6 " x 2 " 2 "	3 " 9 "	1 "	520 "	120 to 200	250	40			225 00
3	5 "	2 " 2 " x 2 " 10 "	4 " 10	1¼ "	1050 "	100 to 60	350	45	3 lbs.	$300 00	300 00
4	6 "	2 " 5 " x 3 " 4 "	5 " 11 "	1½ "	1800 "	80 to 120	1000	65	5 "	400 00	400 00
5	8 "	2 " 5 " x 3 " 11 "	6 " 11 "	2 "	2700 "	80 to 120	2000	75	7 "	550 00	550 00
6	10 "	2 " 8 " x 4 " 4 "	7 " 9 "	2½ "	3600 "	80 to 110	3000	100	9 "	700 00	700 00

These engines will pump approximately the number of gallons specified to a height of 50 feet, but they will pump more water to a lesser height, or less water to a greater height.

ERICSSON

No.	Diam. of Cylinder.	Floor Space Required.	Height over all.	Suction and Discharge Pipe.	Weight.	Revolutions per Minute.	Gallons per hour 50 feet high.	Cubic feet of Gas per hour.	Anthracite Coal per hour.	With Coal or Wood Furnace. Each.	With Gas Furnace. Each.
11	5 in.	1 ft. 2 in. x 2 ft. 2 in.	4 ft.	¾ in.	250 lbs.	80 to 100	150	15			$150 00
12	6 "	1 " 8 " x 2 " 5 "	4 " 5 in.	1 "	450 "	70 to 90	300	18	2½ lbs.	$210 00	200 00
13	8 "	1 " 9 " x 4 " 0 "	5 " 5 "	1¼ "	700 "	60 to 80	500	25	3½ "	250 00	235 00
14	10 "	2 " 6 " x 4 " 2 "	6 " 1½ "	1½ "	1300 "	60 to 80	1000	60	6 "	550 00	350 00
15	12 "	2 " 3 " x 4 " 6 "	6 " 6 "	2 "	1450 "	60 to 80	1500		8 "	450 00	

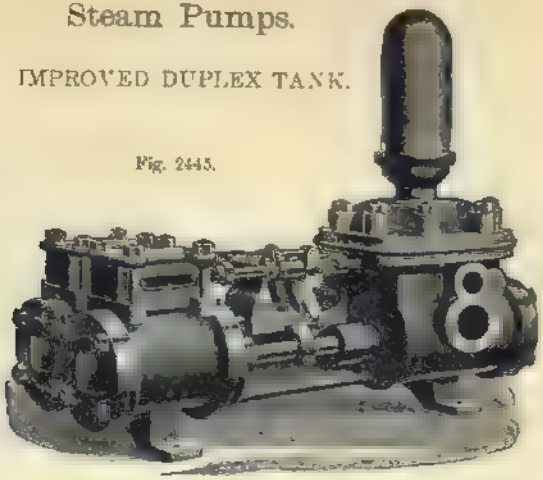
These Engines will pump approximately the number of gallons specified to a height of 50 feet, but they will pump more water to a lesser height, or less water to a greater height.

Prices for any of above Engines, with Kerosene Furnace, quoted on application.

Steam Pumps.

IMPROVED DUPLEX TANK.

Fig. 2445.



For Light Service, Combining Large Pumping Capacity with Small Expenditure of Steam

No.	Diameter of Steam Cylinder, Inches.	Diameter of Water Cylinder Inches.	Length of Stroke, Inches.	Gallons per Stroke. Each Piston	Strokes per Minute of Each Piston, Ordinary Speed	Gallons Delivered per Minute by both Pistons at Speed Stated.	Size of Steam Pipe, Inches.	Size of Exhaust Pipe, Inches.	Size of Suction Pipe Inches.	Size of Delivery Pipe Inches.	Each
101	3	2½	3	.08	75 to 150	15 to 34	⅜	½	2	1¼	$115 00
102	4½	3¼	4	.33	75 to 150	36 to 72	½	¾	2½	1½	185 00
103	4½	4½	4	.33	75 to 150	36 to 72	½	¾	2½	2½	200 00
104	5½	5	6	.50	75 to 125	75 to 150	¾	1¼	3	2½	275 00
105	6	5½	7	.78	75 to 125	115 to 193	1	1½	4	3	315 00
106	6	5	12	1.02	50 to 100	102 to 204	1	1½	5	4	400 00
107	6	6	12	1.47	50 to 100	147 to 294	1	1½	5	4	400 00
108	6	8½	7	1.75	75 to 125	262 to 436	1	1½	6	5	400 00
109	7½	6	10	1.22	50 to 100	122 to 244	1½	1½	5	4	400 00
110	7½	7½	10	1.91	50 to 100	192 to 382	1½	1½	6	5	500 00
111	8	7	12	2.00	50 to 100	200 to 400	1½	1½	6	5	525 00
112	8	8½	12	3.00	50 to 100	300 to 600	1½	1½	6	5	575 00
113	8	10½	12	4.50	50 to 100	450 to 900	1½	1½	8	7	650 00
114	10	8½	12	3.00	50 to 100	300 to 600	2	2½	6	5	600 00
115	10	10½	12	4.50	50 to 100	450 to 900	2	2½	8	7	675 00
116	10	12	12	5.87	50 to 100	587 to 1174	2	2½	10	8	820 00
117	12	10½	12	4.50	50 to 100	450 to 900	2	2½	8	7	720 00
118	12	12	12	5.87	50 to 100	587 to 1174	2	2½	10	8	865 00
119	12	14	12	8.00	50 to 100	800 to 1600	2	2½	12	10	
120	14	12	12	5.87	50 to 100	587 to 1174	2½	3	10	8	
121	14	14	12	8.00	50 to 100	800 to 1600	2½	3	12	10	
122	14	14	18	12.00	40 to 70	960 to 1680	2½	3	.....	.....	PRICES ON APPLICATION
123	14	15	18	13.50	40 to 70	1080 to 1890	2½	3			
124	14	16	18	15.66	40 to 70	1248 to 2192	2½	3			
125	16	14	18	12.00	40 to 70	960 to 1680	3	3			
126	16	15	18	13.50	40 to 70	1080 to 1890	3	3	.....	.....	
127	16	16	18	15.66	40 to 70	1248 to 2192	3	3			

Descriptions and prices of all kinds of Steam Pumps, Single Acting, Duplex and Compound Duplex, will be furnished on application

DRESSED DOLLS.

No. 744 Bisque heads, fancy wool dresses, boys and girls, 8 inches, ½ doz. in box per doz., $2 25
No. 745. Bisque heads, jointed body, shoes and stockings, toboggan suits, caps and hats in white cotton flannel, 9 inches, ½ doz. in box, per doz. 2 75
No. 751. Bisque head, soft body, shoes and stockings, fancy wool costume with Astrachan front, 12 inches. . . . . per doz., 6 00

SMALL FINE DRESSED DOLLS.

No. 770. Bisque heads, in fancy costumes, satin trimmed, 3 styles, ½ doz. in package, 5 inches.....per doz., $2 00

BISQUE JOINTED BODIES AND HEADS.

No. 767 Bisque heads, in bathing costumes, boys and girls, 3¼ inches, ½ doz. in package..... per doz., $2 12
No. 771 Bisque heads, flowing hair, glass eyes, knit costumes, girls, 3¾ inches, ½ doz. in package, per dozen 2 25
No. 768. Bisque heads, promenade plush costumes, fancy trimmed, boys and girls, 8½ inches, ½ doz. in package.....per doz., 2 75
No. 769. Bisque heads, Lilliputians, in fancy costumes, 3½ inches, ½ doz. in package.....per doz., 2 75

DRESSED DOLLS WITH CHINA HEADS.

No. 759. Silk skirts, fancy braid trimming, 4¾ inches, 1 doz. in package ... per doz., $0 75
No. 761. All China Dolls, with silk dresses, lace trimmed, 3¾ inches, ½ doz. in package, per dozen 1 00
No. 762. All China Dolls, lace bodice, fancy bows, 10 inches, ½ doz. in package, per doz., 2 25
No. 763. Fancy outing dresses, 13 inches, ½ doz. in package ....per doz., 3 75

DRESSED DOLLS WITH WASHABLE HEADS.

No. 764. Assorted dresses, laced trimmed, poke bonnets, glass eyes, 16 inches, ½ doz. in package..... .....per doz., $2 25
No. 765. Satin fronts, felt hats, glass eyes, 18 inches, ½ doz. in package ..per doz., 4 00

No. 763.

Nos. 945 to 948.

RATTLE DOLLS.

Made of heavy colored wool with bells, best quality linen faces, 1 doz. in package.

No. 52 9½ inches . . . . . per doz., $2 00
No. 155 10 inches.. ....per doz., 3 75

FELT CLOWNS.

With bells and voices.

No. 53. 10½ inches long, 1 doz. in pkg...per doz., 2 25
No. 54. 13½ inches long, ½ doz. in pkg., per doz., 4 50

ESQUIMAU DOLLS.

Bisque heads, rabbit skin covered, jointed body.

No. 947 7 inches long, 1 doz. in pkg . per doz., $2 00
No. 948. 9 inches long, ½ doz. in pkg., per doz., 4 50
No. 947. 12 inches long, ½ doz. in pkg., per doz., 8 50
No. 948. 13½ inches long . ...per doz., 10 50

Nos. 154 and 155.

Nos. 53 and 54.

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DRESSED, KNIT AND RAG DOLLS.

No. 67.

No. 72.

No. 71.

No. 70.

No. 68.

Nos. 57 and 58.

PATENT DRESSED DOLLS.

No. 931. 15 inches, handsome trimmed fancy dresses, ½ dozen in package . . . . . per doz., $2 00
" 930. 11 " boys, sailor costumes, two kinds, ½ " " " . . . . . " " 2 00

FANCY RAG DOLLS.

Linen faces, glass eyes, fancy hoods, long dresses.

No. 65. Flannel costume, with cape, 12½ inches, 1 dozen in package, per dozen $2 75
" 70. With fancy mantle, assorted dresses 13½ inches, 1 dozen in package . . . . . per doz., 2 25
" 72. Millefleur dress, with voice, 16½ inches, ½ dozen in package, per dozen 4 50

FANCY RAG DOLLS.

With hoods, lace trimmed, shoes and stockings, linen faces, glass eyes, long dresses.

No. 71 14 inches, ½ dozen in package . . . . . per doz., $4 50
" 68. 16 " ½ " " " . . . . . " " 4 50
" 67 19 " ½ " " " . . . . . " " 6 25

JOINTED DOLLS.

Boys and girls, assorted, knit dresses, jointed bodies, bisque heads, showing teeth.

No. 56. 9 inches, ½ dozen in package . . . . . per doz., $3 75
" 57 10 " ¼ " " " . . . . . " " 4 50
" 58. 12 " ¼ " " " . . . . . " " 6 75

KNIT DOLLS.

Bathing costume.

No. 810. Size 4-0, 9 inches, 1 dozen in package . . . . per doz., $2 00
" 830. Size 2-0, with voice, 11 inches, ½ dozen in package, per dozen 3 75

KNIT DOLLS.

In fancy knit dresses.

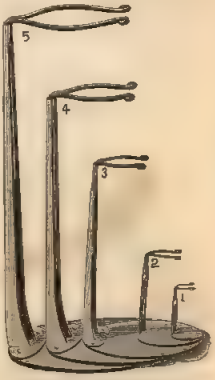
No 60. Boys, soft bodies, 11½ inches, ½ dozen in package, per dozen $4 50
" 61 Boys and girls, Finlanders, 11½ inches, ½ dozen in package . . . . . per doz., 4 50

ENGLISH RAG DOLLS.

Best quality indestructible dolls, linen faces, glass eyes, fancy dresses, soft arms and limbs, dressed in costumes "Little Red Riding Hood," "Bo Peep," "Blue Eyes," "Dew Drop."

No. 00. 13½ inches long, ½ dozen in package . . . . . per doz., $4 00

No. 931. No. 0.



IMPROVED DOLL STANDS.

Made of metal, with extension clamp slide.

No. 1. Special, supports dolls 3½ to 6 inches . . . . . per doz., $0 50
Regular line, nickel finish.
No. 1. Supports dolls 3½ to 6 inches . . . . . per doz., 0 85
No. 2. Supports dolls 6½ to 11 inches . . . . . per doz., 1 70
No. 3. Special, supports dolls 12 to 20 inches . . . . . per doz., 3 75
No. 3. Supports dolls 16 to 24 inches . . . . . per doz., 4 25
No. 4. Supports dolls 24 to 36 inches . . . . . per doz., 13 50

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Carpenters' Adzes.

Fig. 18

Half Head.

Fig. 19.

Full Head.

EXCELSIOR.

	Per Doz.
Half Flat Head, Gold Bronzed, Cut 4½ in., -	$24 00
Full " " " " 4½ " -	24 00

W. BUTCHER'S

	Per Doz.
Half Flat Head, Gold Bronzed, Cut 4½ in. -	$24 00

RED CLOUD.

	Per Doz.
Half Flat Head, Painted Red, Cut 4½ in.	$21 00
Full " " " " 4½ "	21 00

One-half Dozen in a Box

Rail Road Adzes.

Fig. 20.

Excelsior, Gold Bronzed, Cut 6 inches, - - - - - - per dozen, $27 00
W. Butcher's Gold Bronzed, Cut 6 inches, - - - - - - " 27 00

One-half Dozen in a Box.

Ship Adzes.

Fig 21.

Plain

Fig 22.

Lipped.

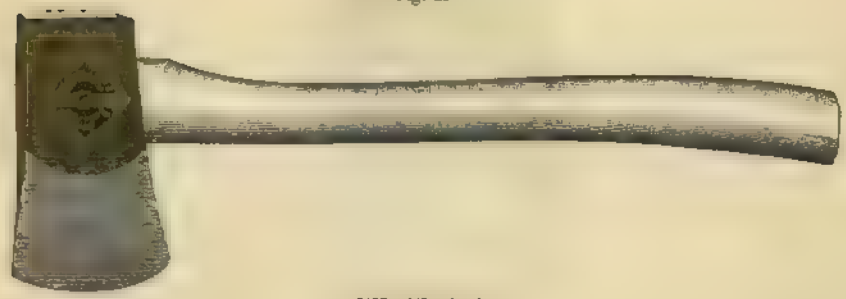
EXCELSIOR

Best Steel, Gold Bronzed, Plain, Cut 4½ inches.
per dozen, - - - $25 00
Best Steel, Gold Bronzed, Lipped, Cut 5 inches.
per dozen, - - - $30 00

One half Dozen in a Box

Hunters' Hatchets

Fig. 23.



EXCELSIOR

No. 1, Gold Bronzed, 16-inch Handle, - - - - - - per dozen, $10 00

One Dozen in a Box.

E. N. WELCH MANUFACTURING COMPANY'S REGULATORS.

Black Walnut, Mahogany, or Antique Oak. Extra Fine Movement. Runs with One Weight. Three Cell Mercurial Compensating Pendulum Dead Beat Pin Escapement. Jeweled Movement, Boxed. 12 inch Porcelain Dia., with Sweep Seconds.

REGULATOR C.

Height, 90 inches; Width at Base, 26 inches; Depth, 16 inches.

Eight Day Time..... $190.00

REGULATOR D.

Same as Regulator C, excepting it has Metal Compensating Pendulum

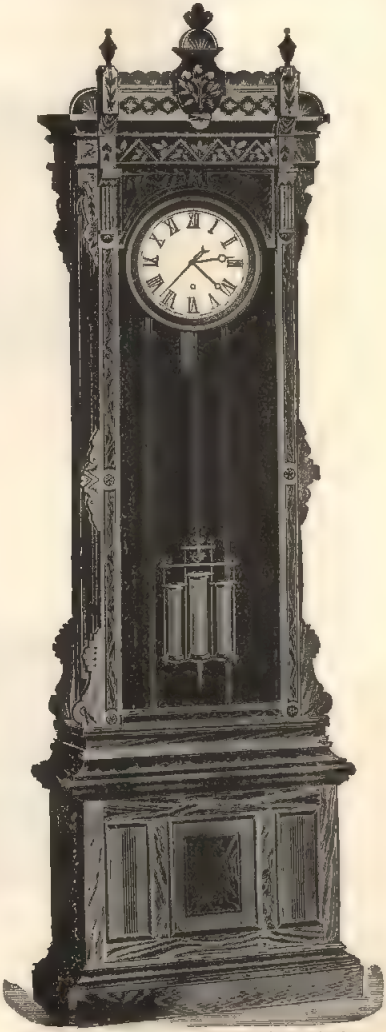
Eight Day Time..... $140.00

REGULATOR B.

Same as Regulator A, excepting it has Metal Compensating Pendulum.

Eight Day Time..... $1 0.00

REGULATOR A.



Height, 1[illegible] inches, Width at Base 3[illegible] inches, Depth, 12½ inches.

Eight Day Time..... $200 00

FANCY STAND MIRRORS.

Silver Arab Mirror

Silver Moon Mirror pinched bevel cast frame

No. 848. 7x9 ..... per doz., $ 9 00
No. 850. 10x12 ..... per doz., 14 00
No. 851. 12x14 ..... per doz., 28 50

No. 845. Size 7 inches ..... per doz., $ 6 00
No. 846. Size 9 inches ..... per doz., 8 00
No. 847. Size 12 inches ..... per doz., 13 50

Silver Talent Mirror, cast frame silver plated.

No. 881. Size 5x9 ..... per doz. $ 9 00
No. 882. Size 7x9 ..... per doz., 12 00

Silver Columbus Mirror, copyrighted.
Beveled edge.

No. 866. Size 12x16 ..... per doz., $45 00

Silver Moon Mirror, plain glass, nickel rim

No. 843. Size 5 inches ..... per doz $2 00
No. 844. Size 7 inches ..... per doz., 4 00

Silver Newsboy Mirror, beveled edge.
No. 849. Size 5x8 ..... per doz., $5 50

Silver Balcony Mirror, beveled edge.
No. 851. Size 4x6 ..... per doz., $5 75

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FANCY STAND MIRRORS.

No. 809. Mirror solid brass frame, gold finish, beveled plate 12 inches in diameter .....per doz., $28 50

No. 1831. Highly polished Horns, fancy bevel plate Mirror.....per doz., $60 00

No. 1830. Highly polished Horns, bevel plate Mirror .....per doz., $39 00

No. 1828.

No. 1828. Highly polished Horns, bevel plate Mirror.....per doz., $18 50

No. 1829. Highly polished Horns, bevel plate Mirror.....per doz., $27 00

No. 1829.

No 823. Glass 8x10 frame 12x16, finished in bright silver, per dozen $30 00

No. 836. Rococo Mirror, glass 8x11, silver plated....per doz., $13 50

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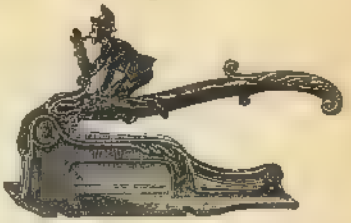
Tobacco Cutters.

Fig. 4071.

Fig. 4072.



No. 1, Japanned, cuts Plug 4½ in wide, per doz. $18 00 ; No. 2, Japanned, cuts Plug 4½ in wide, per doz. $8 00
One Dozen in a Case.

Alarm Money Drawers.

TUCKER'S PATENT.

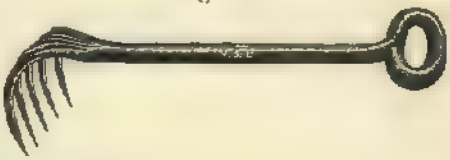
Fig. 4073.

Fig. 4074.

No. 1, Black Walnut, 32 Changes of Combination, - - - - - per dozen, $36 00
One-half Dozen in a Crate.

Nail Claw.

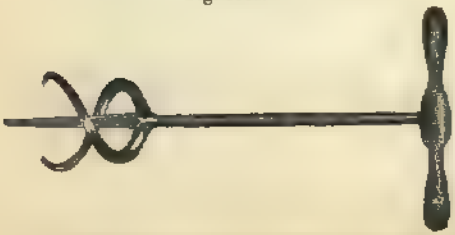
Fig. 4075.



No. 1, Japanned, Wrought Iron, Five Fingers, - - - - - per dozen, $9 00

Fruit or Sugar Auger.

Fig. 4076.

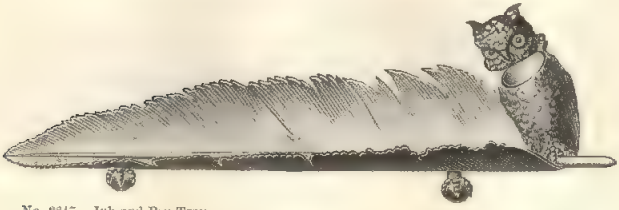


Nut Cracker.

Fig. 4077.

No. 1, Cast Steel, Tinned, Wood Handle, per doz. $18 00 ; No. 12, Japanned, Wood Base, per dozen, $3 00

QUADRUPLE SILVER PLATED WARE.

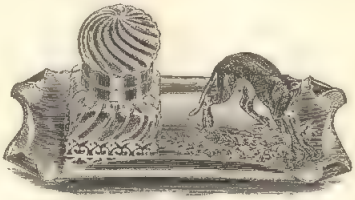


No. 2847. Ink and Pen Tray $4.80

Cut ½ Size.

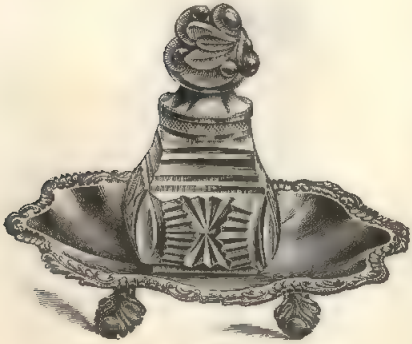
No. 19. Ink. Pressed Glass Bottle..... .....$2.75

Cut ½ Size.



No. 81. Ink. Pressed Glass Bottle.....$3.75

Cut ½ Size.



No. 12. Ink. Cut Glass Bottle.....$5.00

Cut ½ Size.

No. 10. Ink. Cut Glass Bottle..$4.00

Cut ½ Size

Fine Gold Headed Walking Canes.

BEST QUALITY MADE. CUTS ARE EXACT SIZE. PRICES EACH

These Goods are Handsomely Engraved and Mounted with genuine Ebony, Rosewood, Snake-wood, Malacca or any fancy wood sticks that are in the market. Special designs furnished for Presentation Canes.

No 150.
⅝ inch, 16 K. Gold, Square, Crook Octagon or Round

No. 168.
⅝ inch, 1st Quality Round.

No. 455.
⅝ inch, 3d Quality, Round.

No. 182.
⅝ inch, 16 K Gold Polo Crook.

No 121.
⅝ inch, 1st Quality, Octagon.

No 440.
1 inch, 16 K Gold, Octagon

No. 111.
⅝ inch, 16 K Gold Short, Round

EXTRA QUALITY 16 K. GOLD SQUARE CROOKS, OCTAGON OR ROUND.

147	⅝ inch	$30 00
148	¾ "	36 00
149	⅞ "	41 25
150	⅝ "	52 50
151	¾ "	60 00
152	1 "	74 50

1st QUALITY SQUARE CROOKS.

157	⅝ inch	$16 88
158	¾ "	22 50
159	⅞ "	28 13
160	⅝ "	33 75
161	¾ "	38 75
162	1 "	45 00

2d QUALITY SQUARE CROOKS.

195	⅝ inch	$13 50
196	¾ "	19 13
197	⅞ "	22 50
198	⅝ "	27 00
199	¾ "	31 50
200	1 "	36 00

EXTRA QUALITY 16 K. GOLD CURVE CROOKS.

424	⅝ inch	$33 50
425	¾ "	41 50
426	⅞ "	49 50
427	⅝ "	63 00
428	¾ "	74 25
429	1 "	90 00

1st QUALITY CURVE CROOKS.

430	⅝ inch	$20 25
431	¾ "	27 00
432	⅞ "	33 75
433	⅝ "	40 50
434	¾ "	47 25
435	1 "	54 00

2d QUALITY CURVE CROOKS.

442	⅝ inch	$16 88
443	¾ "	22 50
444	⅞ "	26 25
445	⅝ "	30 38
446	¾ "	35 95
447	1 "	45 00

EXTRA QUALITY 16 K. GOLD ROUND HEADS.

11	⅝ inch	$22 50
12	¾ "	27 00
13	⅞ "	31 50
14	⅝ "	36 00
15	¾ "	41 25
16	1 "	45 00
17	1 " Extra Long	54 00

1st QUALITY ROUND HEADS.

162	⅝ inch	$10 00
163	¾ "	13 50
164	⅞ "	17 50
165	⅝ "	22 50
166	¾ "	26 25
167	1 "	31 25
168	1 " Extra Long	40 50

2d QUALITY ROUND HEADS.

548	⅝ inch	$7 50
449	⅝ "	10 00
449	⅞ "	12 38
450	⅝ "	16 25
451	¾ "	19 13
452	1 "	22 25

3d QUALITY ROUND HEADS.

453	⅝ inch	$5 63
454	¾ "	8 45
455	⅞ "	10 00
456	⅝ "	11 25
457	¾ "	12 50
458	1 "	15 00

EXTRA QUALITY 16 K. GOLD SHORT ROUND HEAD.

108	⅝ inch	$18 00
109	¾ "	22 50
110	⅞ "	27 00
111	⅝ "	30 38
112	¾ "	35 75
113	1 "	36 00

1st QUALITY SHORT ROUND HEADS.

406	⅝ inch	$9 38
407	¾ "	11 25
408	⅞ "	13 68
409	⅝ "	15 38
410	¾ "	22 50
411	1 "	28 75

EXTRA QUALITY 16 K. GOLD OCTAGON SHORT HEADS.

120	⅝ inch	$27 00
121	¾ "	30 38
122	⅞ "	33 75
123	1 "	36 00

EXTRA QUALITY 16 K. GOLD SPECIAL HEAD.

459	⅝ inch	$26 88
460	¾ "	33 75
461	⅞ "	40 68
462	⅝ "	47 50
463	¾ "	54 38
464	1 "	59 85

1st QUALITY SPECIAL HEAD.

471	⅝ inch	$13 00
472	¾ "	18 13
473	⅞ "	22 50
474	⅝ "	28 13
475	¾ "	33 75
476	1 "	39 38

1st QUALITY OCTAGON SHORT HEADS.

477	⅝ inch	$9 38
478	¾ "	11 25
479	⅞ "	13 50
480	⅝ "	15 38
481	¾ "	22 50
482	1 "	28 75

EXTRA QUALITY 16 K. GOLD OCTAGON HEADS.

436	⅝ inch	$30 00
437	¾ "	37 50
438	⅞ "	40 00
439	⅝ "	45 00
440	1 "	56 00
441	1 " Extra Long	58 75

1st QUALITY OCTAGON HEADS.

169	½ inch	$12 50
170	⅝ "	17 50
171	¾ "	22 50
172	⅞ "	26 25
173	1 "	31 25

2d QUALITY OCTAGON HEADS.

243	⅝ inch	$10 00
244	¾ "	12 88
245	⅞ "	16 25
246	⅝ "	19 13
247	1 "	22 25

EXTRA QUALITY 16 K. GOLD OCTAGON OR STRAIGHT CAPS.

400	⅝ inch	$8 75
401	¾ "	10 63
402	⅞ "	12 50
403	⅝ "	15 15
404	¾ "	18 75
405	1 "	22 50

EXTRA QUALITY GOLD ROUND CAPS.

320	⅝ inch	$11 25
327	¾ "	13 50
328	⅞ "	15 75
329	⅝ "	17 50
330	¾ "	21 25
331	1 "	25 50

SILVER ROUND HEADS.

1112	1 inch	$11 88
1111	¾ "	11 88
1113	¾ "	11 88
1114	⅝ "	10 13
1116	⅝ "	8 25
1117	¾ "	7 63

SILVER SQUARE CROOKS.

465	¾ inch	$11 00
466	¾ "	12 50
467	⅞ "	15 00
468	⅝ "	18 75
469	¾ "	21 88
470	1 "	25 00

EXTRA QUALITY 16 K. GOLD POLO CROOKS.

181	⅝ inch	$27 00
182	¾ "	33 75
183	⅞ "	40 50
184	⅝ "	49 50
185	¾ "	58 50
186	1 "	67 50

1st QUALITY POLO CROOKS.

73	⅝ inch	$16 88
74	¾ "	22 50
174	⅞ "	28 13
175	⅝ "	33 75
176	¾ "	40 00
74	1 "	45 00

2d QUALITY POLO CROOKS.

183	⅝ inch	$13 75
184	¾ "	18 13
185	⅞ "	22 50
186	⅝ "	27 50
187	¾ "	31 25
188	1 "	36 38

EXTRA QUALITY 16 K. GOLD PEAR SHAPED HEADS.

412	⅝ inch	$23 50
413	¾ "	27 00
414	⅞ "	31 50
415	⅝ "	36 00
416	¾ "	40 50
417	1 "	45 00

1st QUALITY PEAR SHAPED HEADS.

418	⅝ inch	$10 00
419	¾ "	13 50
420	⅞ "	18 00
421	⅝ "	22 50
422	¾ "	27 00
423	1 "	31 50

Anvils.

JEWELERS'.

Fig. 1633

No. 12.

Fig. 1634

No. 365

Fig. 1635

No. 13

	Inches,	1½	2	2½	3
No. 12 Flat Jewelers', Cast Steel Mirror Polished Faced, Each		$1 00	1 30	1 50	2 00
	Pounds,	1	1½	1½	2
13, Jewelers', with One Horn, Cast Steel, Mirror-Polished Face, Each,		$0 72	0 90	1 08	1 44
	Pounds,	1½			1½
365, Jewelers', Bick Iron, Cast Steel, Mirror-Polished Face,		-	Each, $0 90		1 05

EAGLE, CAST, STEEL-FACED

Fig. 1636

	Nos.	00	0	1	2	3	4	5	6	7	8	9
Length of Face,	Inches,	3¾	4¾	5½	6½	7½	8½	8¾	9½	10	10½	11
Weight, Each,	Pounds,	4	10	15	20	30	40	50	60	70	80	90
	Each,	$1 75	2 25	2 75	3 00	3 75	4 25	5 00	5 50	6 00	7 00	8 00
100 pounds each and heavier,			-	-	-	-	-	-	-		per pound, $0 10	

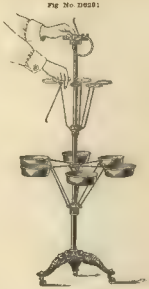
PETER WRIGHT & SONS', WROUGHT, STEEL-FACED

Fig. 1637

Sizes,	-	Pounds,	85 to 300	70 to 84	60 to 70	50 to 60
		Per Pound,	$ ..	....	....	..

FLOWER STANDS.

Fig No. D6291

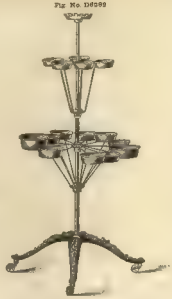


Patent Revolving and Adjustable.

Packed One in a Box.

Gas Pipe Center Rods shipped separate.

Fig No. D6292



EACH.

No. 1P Holds 13 Pots, has Two Tiers of 6 Brackets each, Base Rests on Three Casters; Diameter 24 in., Height of Stand 3½ ft., Weight 20 lbs., $5.50

EACH

No. 2P—Holds 17 Pots, has Two Tiers of Brackets, Lower Tier Holds 10 Pots and Upper Tier Holds 6 Pots; Base Rests on Four Casters; Diameter 26 in., Height of Stand 4 ft., Weight 25 lbs., $6.50

Fig No. D6293

Packed One in a Box.

Gas Pipe Center Rods shipped separate.

Fig No. D6294.

EACH.

No. 3P—Holds 23 Pots, has Three Tiers of Brackets, Lower Tier Holds 10 Pots, Middle Tier 6 Pots, and Upper Tier 6 Pots; Base Rests on Four Martin's Casters; Diameter 30 in., Height of Stand 5 ft., Weight 35 lbs., Upright Rod ⅞ in. thick, . $10.50

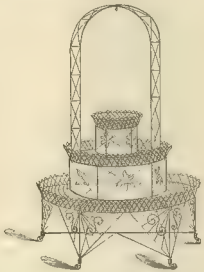
EACH.

No. 4P Holds 29 Pots, has Three Tiers of Brackets, Lower Tier Holds 12 Pots, Middle Tier 10 Pots, and Upper Tier 6 Pots; Base Rests on Four Martin's Casters; Diameter 32 in., Height of Stand 5 ft., Weight 40 lbs., ... $12.00

WIRE FLOWER STANDS.

Fig. No. D6287.

Fig. No. D6288.



	EACH.
No. 2—Stand and Arch, 6 ft. 4 in. high, 36 in. long, 18 in. deep, ...	$7.50
No. 5—Stand and Arch, 6 ft. 6 in. high, 36 in. long, 24 in. deep, ...	$ 9.00
No. 6—Stand and Arch, 7 ft. high, 42 in. long, 28 in. deep, ...	10.00

Fig. No. D6289.

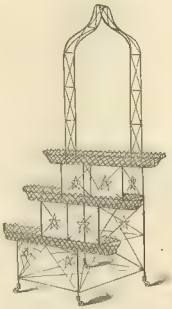
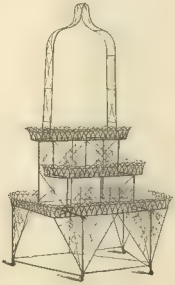


Fig. No. D6290.



	EACH.
No. 3—Stand and Arch, 6 ft. 6 in. high, 36 in. long, 26 in. deep, ...	$9.00
No. 26—Stand and Arch, 6 ft. 7 in. high, 46 in. long, 30 in. deep, ...	$12.00

Flower Stands are always racked at an extra charge of from 75c. to $1.50 each, **unless otherwise specially ordered,** and if shipped without rack, will be at purchaser's risk of damage, and at extra freight.

Broad mahogany molded frames, mahogany panels and keys, sunken open keyboard, gilt and nickel ornaments, nickel corners and clasps, double ribbed bellows.

No. 3136. 10 keys, 8 stops, 4 sets of reeds, *tuned in thirds* (*chords*) . each, $7 25

SUPERIOR QUALITY

Broad ebonized moldings, sunken keyboard, copper and silver bronzed panels, nickel keys, fancy gilt ornaments on panels, 16 trumpets, corners and clasps, triple bellows.

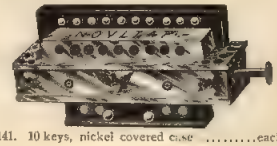
No. 3137. 10 keys, 7 stops and *tremolo*, 3 sets of reeds..... ..each, $5 75

FLUTE ACCORDEONS.

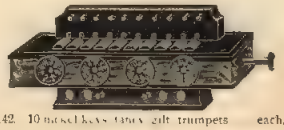
No. 3138. 10 keys, wooden case, nickel trimmed each $0 65

No. 3139. 10 bone keys, wood case, projecting bell..each, $0 80

No. 3140. 10 bone keys, nickel covered case, projecting metal bell . .. .each, $0 90



No. 3141. 10 keys, nickel covered case .....each, $1 10



No. 3142. 10 nickel keys, fancy gilt trumpets each, $1 25

No. 3143. 10 keys, [illegible] copper [illegible] case, each $1 15

No. 3144. 10 keys, bone, fancy metal ornaments, long cord .. .. each, $1 30

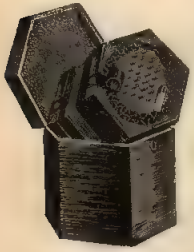
READ THE PREFACE BEFORE ORDERING.

CONCERTINAS.

No. 3145.	20 keys, polished oak tops, with sound-rings and nickel ornaments				each,	$1 90
" 3146.	20 "	rosewood	"	serpentine edges	"	1 80
" 3147.	20 "	mahogany	"	with sound-rings, Japanese leather bellows	"	2 15
" 3148.	20 "	rosewood	"	serpentine edges	"	2 50
" 3149.	20 "	"	"	with German silver edge and inlaying, sound-rings, double bellows	"	2 25
" 3150.	20 "	mahogany	"	fancy nickel ornaments, sound-rings, etc	"	2 50
" 3151.	20 "	"	"	bone keys, sound-rings	"	2 35
" 3152.	20 "	rosewood	"	figured molding, bone keys	"	3 45

WITH STEEL REEDS.

No. 1098.	20 keys, rosewood, morocco bellows, English pattern				each,	$4 30
" 1099.	20 " " " " "	in wood case			"	5 00



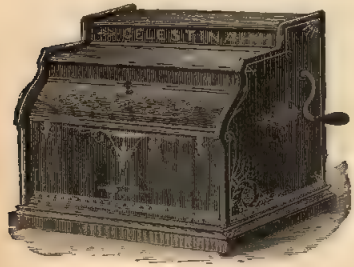
The Finest Quality in the World.

GENUINE ENGLISH.

LACHENAL & CO., LONDON, MAKERS.

Double action, with screwed notes. Compass 3½ octaves, from G below to second C above.

No 1100.	48 keys, mahogany leather bellows, 4 folds, in wood case				each,	$15 00
" 1101.	48 " rosewood, morocco " 5 "	bushed keyholes, in fine rosewood case			"	37 75
" 1102.	Anglo-German pattern, 20 keys, mahogany, leather bellows, 5 folds, in wood case				"	8 00
" 1103.	" " " 20 " "	steel reeds, leather bellows, 5 folds, in wood case			"	10 25



THE MUSICAL CASKET.

Height 9¾ inches, width 13 inches, depth 10½ inches, weight boxed, 16½ lbs.

No. 1104. Price, including the piece of music with instrument.....each, $5 70

THE CELESTINA.

Height 15 inches, width 15½ inches, depth 13½ inches, weight boxed, 31½ pounds.

No. 1105. Price, including a piece of music with instrument.....each, $13 75

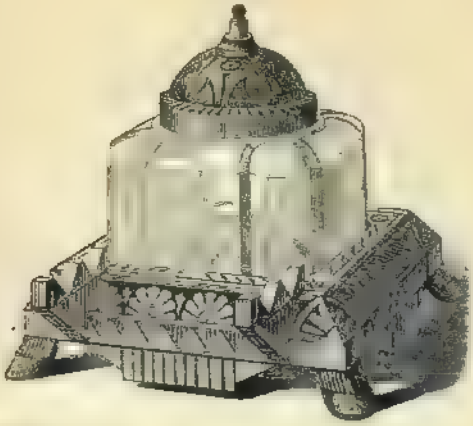
We carry a complete stock of music for the above instruments, catalogues of which will be furnished upon application. See note.

NOTE. The Musica, Casket and Celestina are the best Æolian organs made The music of these instruments is equal to that of an organ. It is easily operated, simple in its manipulation of readjusting the music rolls, and plays over one thousand tunes.

READ THE PREFACE BEFORE ORDERING.

Inkstands.

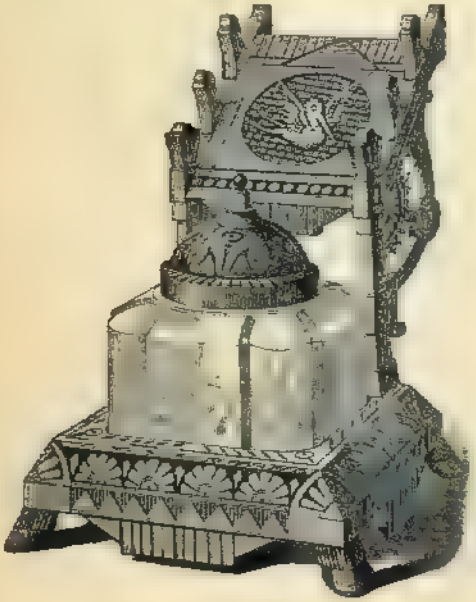
Fig. 4006



No. 420, Enameled, with Plain Star Bottles, - - - per dozen, $4 00

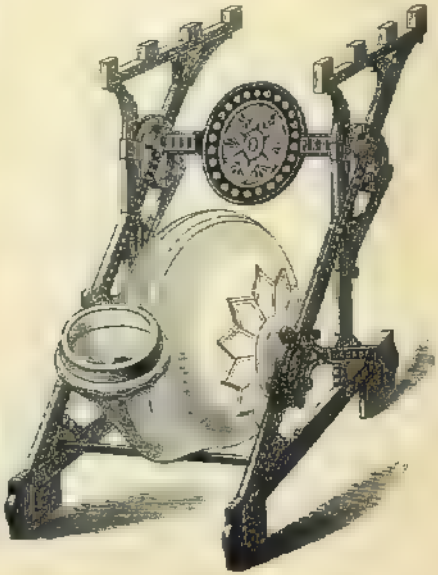
One in a Box.

Fig. 4007



No. 440

Fig. 4008



No. 270.

No. 440, Enameled, with Plain Star Bottles, - - - per dozen, $6 00
270, " " Revolving Star Bottles, - - - " 4 50

No. 440, One in a Box; No. 270, Three in a Box

Paper Weights.

Fig. 4003

No. 60

Fig. 4004.

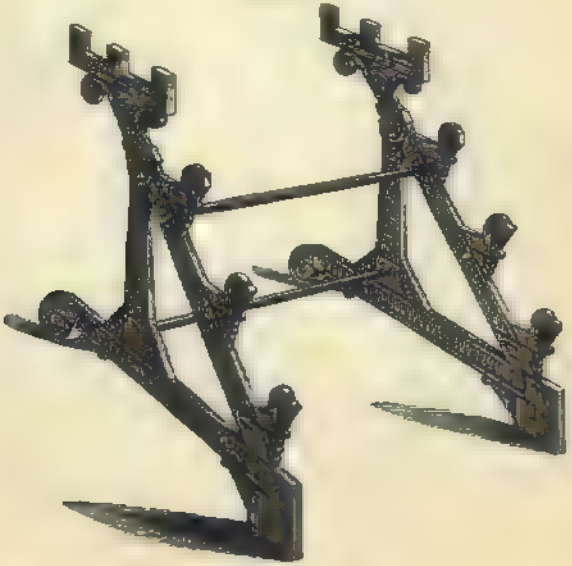
No 45

No. 45, Adamantine Bronzed, 3 inches, Weight 1¼ pounds, - - - per dozen, $3 00
60, " " 2½x¼ inches, Weight 1 pound, - - - " 4 00

One-half Dozen in a Box.

Pen Racks.

Fig. 4005.



No. 30, Enameled, Eastlake Pattern, - - - - - - per dozen, $2 00

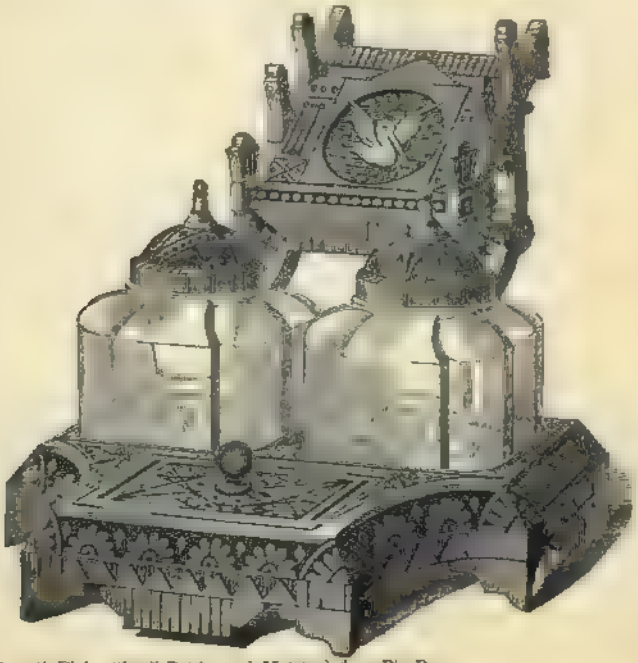
One-half Dozen in a Box.

Inkstands.

Fig. 4019.

No. 330, Enameled, with Plain "Star" Bottles, for Double Desks, Pen Rack both sides, per dozen, $[illegible] 00
One in a Box.

Fig. 4010



No. 470, Enameled, with Plain "Star" Bottles and Match Safe or Pin Box. - - per dozen, $12 00
One in a Box.

Inkstands.

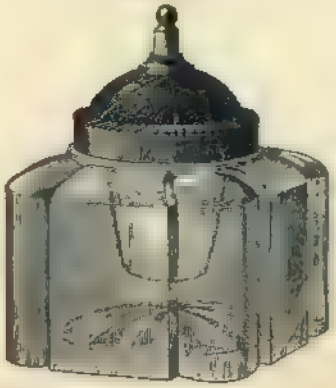
Fig. 4011.

No. 280, Enameled, Heavy Flint Glass Bottles, - - - - - per dozen, $6 75

One in a Box.

Ink Bottles.

Fig. 4012.

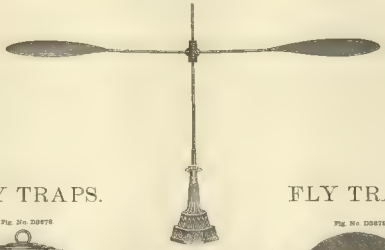


No. 5, Plain "Star," with Enameled Cover, - - - - - per dozen, $1 50

One half Dozen in a Box

FLY FANS.

Fig. No. D3677



FLY TRAPS.

Fig. No. D3678

Fowler's.

PER DOZEN.

Fowler's Fly Fans, Improved Bronzed Base, Nickel Plated Steel Spindles and Wing Holders, **Stem Winding,** requiring no Key, $30 00

One Dozen in a Case.
Weight per Case, 62 lbs.

FLY TRAPS.

Fig. No. D3679

Cone Fly Traps.

PER DOZEN.

Cone, Green Wire, ... $4.50

Balloon Fly Traps.

PER DOZEN.

Balloon, Plated Wire, $4.00

Fly Traps Nested One Dozen in a Box.

INSECT POWDER BELLOWS.

Fig. No. D3680.

PER DOZEN.

No. 16—Insect Powder Bellows, Full Length 22 in., $10.50

INSECT POWDER GUNS.

Fig. No. D3681

PER DOZEN.

No. 979 - Double Channel, Full Length 5 in., . $1.25

One Dozen in a Box.

SIMMONS HARDWARE CO. COMPANY

GASOLINE STOVE FURNITURE.

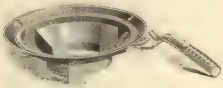
Fig. No. D4483

North's Ventilated Broilers.

	PER DOZEN.
North's Ventilated Broilers=	$9.00

What is wanted in a Broiler is to close the pores of the steak and retain all the juices and not taint or blacken with smoke. This Broiler accomplishes this perfectly.

Fig. No. D4482



Stoveware Adjusters.

	PER DOZEN.
Stoveware Adjusters=	$7.20

Fits either No. 7, 8 or 9 Ware

Is specially adapted for the use of round or pit bottom ware and Waffle Irons on Gasoline Stoves. Also equalizes and retains the heat under all cooking vessels

Fig. No. D4484

Jim's Toasters.

For Toasting Bread on Gasoline Stoves.

	PER DOZEN
Jim's Toasters=	$6.00

Toasts quickly and evenly, from one to four slices of bread in two minutes. Attachment on top for tea or coffee pot. No smoke. No smell.

Fig. No. D4485

"Augite" Stove Mats.

	PER DOZEN.
"Augite" Stove Mats, 9 in. Diameter, .	$6.00

One Dozen in a Paper Box.

Food of any kind when cooked in a vessel set upon this mat, does not require stirring and will not scorch. Coffee will not boil over if the pot is on mat. Bread toasts nicely on it.

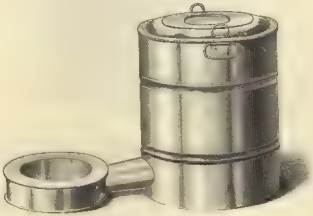
Fig. No. D4486

Tea Kettles and Steamers.

	EACH
Tea Kettles and Steamers=	$2.00

The foods cooked in these Steamers do not partake of each other's flavors, and cook rapidly. The Tea Kettle can be used separately when desired.

Fig. No. D4487



Hot Water Reservoirs.

	EACH.
Hot Water Reservoirs =	$2.00

This Reservoir is a great convenience, as it can be placed on end shelf of Stove, with the ring over burner, so that the flame is directly in center of it.

PORTABLE OVENS.

For Gasoline Stoves.

Fig. No. D4478

For One Burner Stoves.

Height 18 in., Depth 12 in., Width 13½ in.

	EACH
No. 2—Tin Ovens, **no Flues,**	$1.80
No. 3—Tin Ovens, **Full Flues,**	2.35
No. 6—Russia Iron Ovens, **Full Flues,**	3.40

Fig. No. D4479

For Two Burner Stoves.

Height 18 in., Depth 13 in., Width 21½ in.

	EACH
No. 4—Tin Ovens, **no Flues,**	$2 25
No. 5—Tin Ovens, **Full Flues,**	3 30
No. 8—Russia Iron Ovens, **Full Flues,**	4 15

Fig. No. D4480

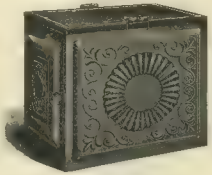
For Step Stoves.

With End Door for End Oven Stoves.

Height 18 in., Depth 21 in., Width 13 in.

	EACH.
No. 15—Tin Ovens, Full Fluss,	$3.30
No. 18—Russia Iron Ovens, Full Fluss,	4 15

Fig. No. L4481



With End Door and Japanned Steel Top.

For Use on End Oven Stoves.

Height 18 in., Depth 21 in., Width 13 in.

	EACH
No. 115—Tin Ovens, Full Fluss,	$3 60
No. 118—Russia Iron Ovens, Full Flues,	4 45

ICE SCALES.

Fig. No. D8539

German Crab Ice Scales.

	PER DOZEN.
No. 1155—Capacity **300 lbs.**, . .	$15.00

ICE BALANCES.

Fig. No. D8540.

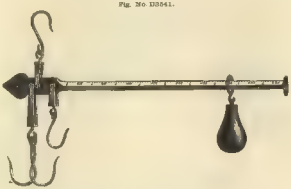
Round Ice Balances.

	PER DOZEN
No. 302—Capacity **200 lbs.** x 5 lbs., .	$60 00
No. 303—Capacity **300 lbs.** x 5 lbs., .	72 00

One-twelfth Dozen in a Paper Box.

STEELYARDS.

Fig. No. D8541.



Excelsior Steelyards.

Pounds, . .	**50 x 1 oz.**	**100 x ¼ lbs.**	**150 x ½ lbs.**	**200 x ½ lbs.**	**250 x ½ lbs.**	**300 x ½ lbs.**
Weight per dozen, lbs.,	40	50	66	90	92	118
Per dozen, .	$9.00	10.00	12.00	15.00	18.00	21.00

50 lbs., One Dozen; Remainder, One-half Dozen in a Case.

SIMMONS HARDWARE COMPANY

SCALE BEAMS.

Fig No D561.

Pounds, . .	150	200	250	300	360	400	500	600	800	1000
Average Weight each,	3 lbs	12 ozs.	4 lbs.	6 lbs.	4 ozs.	7 lbs.	8 ozs.	8 lbs.	12 ozs.	9 lbs.	11 ozs.	13 .bs.	14 lbs.	17 lbs.	21 lbs.
Each, . .	$1.50	1.60	1.90	2.10	2.50	2.90	3 50	4.00	5.30	6.66

Six in a Case.

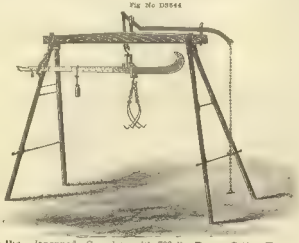
SCALE BEAM POISES.

Fig No D5643

Weight, lbs ,	1	2	3	4	6	8	12	16	24	32
For Beams, lbs.,	100 160 200	250	400	400 150 200 360 500	800	250 300 360 600 1000	400 150	700 600 1200	800	1000 1200
Each, . .	$0.25	.30	.40	.50	.70	.85	1.10	1.50	2.40	2.90

SOUTHERN COTTON SCALES.

Fig No D5644



EACH

Fairbanks', Capacity 700 lbs., Japanned, Complete with 700 lb. Beam, Cotton Frame, Chain Down Hauls and Hooks, Weight 390 lbs., ... $50.00

BEAMS ONLY.

Fairbanks', Capacity 700 lbs., for Southern Cotton Scales.

		EACH.
No. A	Japanned, Smooth Top, ...	$22.00
No. B	Japanned, Notched Top,	22.00
No. C	Polished, Smooth Top, . .	32.00
No. D	Polished, Notched Top, . .	32.00

GENUINE GESSNER.

RICH AND POWERFUL IN TONE.

Ebonized mouldings, imitation walnut panels and key cover, nickel sound rings in key cover, patent bellows with metal corners.

1066. 10 keys, 1 stop, 2 sets reeds ..... each, $3 65
1067. 10 " 1 " 2 " " better quality ..... " 4 25

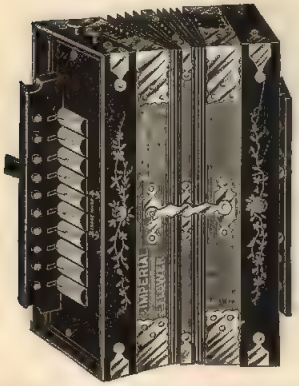
Ebonized mouldings and panels, gilt stamped leatherette bellows, open key board, nickel keys, clasps and corners, double bellows.

1068. 19 keys, 2 stops, 4 sets of reeds ..... each, $7 60
1069. 21 " 2 " 4 " " ..... " 8 35

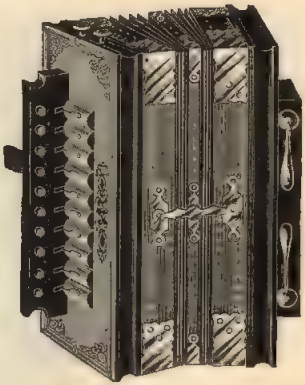
Moulded frames, light color finish, open key board, nickel keys and broad nickel guard, silver stamped bellows frames, corners and clasps, double bellows.

1071. 19 keys, 2 stops, 4 sets of reeds ..... each, $7 75
1072. 21 " 2 " 4 " " ..... " 8 35

KALBE'S IMPERIAL ACCORDEONS.

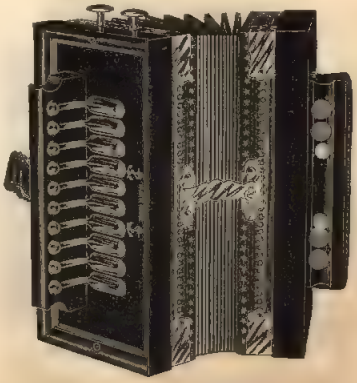


Broad ebonized mouldings with hand-painting, ebonized panels, open key-board, nickel keys, corners and clasps, double bellows.
No. 1062. 10 keys, 2 stops, 2 sets of reeds.....each, $4 15



Broad ebonized mouldings with rounded nickel edge, white enameled panels with Decalcomanie and gilt ornaments, open key-board, nickel keys, silver stamping on bellows frames, corners and clasps, double bellows.
No. 1063. 10 keys, 2 stops, 2 sets of reeds.....each, $5 00

Broad ebonized mouldings, with hand painted bellows frames, open key-board, nickel keys, corners and clasps, double bellows.
No. 1064. 12 keys, 2 half tones, 2 stops, 2 sets reeds ... .each, $4 00



Ebonized mouldings and panels, nickel moulding in panels, silver stamping on bellows frames, patent nickel keys, nickel corners and clasps, nickel protected bellows.
No. 1065. 10 keys, 2 stops, 2 sets of reeds..... . . . . each, $5 00

SIMMONS HARDWARE COMPANY

LAMP CHIMNEYS.

Fig No D4645

No. 0. Sun, Beaded Top.

PER DOZEN.

"Klear Krystal"=Lead Flint,	$0.82
Hero—Regular Flint, .	.60
Star—Common, .	.42

Fig No D4646

No. 1. Sun, Beaded Top.

PER DOZEN.

"Klear Krystal"—Lead Flint,	$0 84
Hero—Regular Flint,	.64
Star—Common, .	.44

Fig No D4647

No. 2. Sun, Beaded Top.

PER DOZEN.

"Klear Krystal"=Lead Flint,	$1.10
Hero—Regular Flint, .	.84
Star—Common, . .	.64

Nos. 0, 1 and 2 Sun Chimneys, Six Dozen in a Box.

Fig No D4648

No. 2 Meteor or Rochester.

PER DOZEN

"Klear Krystal"=Lead Flint, . .	$1 50
Hero—Regular Flint,	1 20

Seven Dozen in a Barrel.

Fig No D4649

No. 1. Meteor or Rochester.

PER DOZEN.

"Klear Krystal"=Lead Flint, . .	$1.30
Hero—Regular Flint,	1.00

Ten Dozen in a Barrel.

The K. K. Chimneys are made of Tough Lead Glass.

Fig No D4650

Junior Rochester.

PER DOZEN

"Klear Krystal"=Lead Flint, .	$1 00

Six Dozen in a Box.

Fig No D4651.

No. 3. Meteor or Rochester.

PER DOZEN.

"Klear Krystal" Lead Flint, .	$3.50
Hero Regular Flint,	2.25

Two Dozen in a Barrel.

The K. K. is the Highest Grade Lamp Chimney made.

Fig No D4652

Nutmeg Night Lamp.

PER DOZEN.

Nutmeg Night Lamp Chimneys, .	$0.24

Fig No D4653

Gem Night Lamp.

PER DOZEN.

Gem Night Lamp Chimneys,	$0.30

Send for our Special Lamp Catalogue, showing the Most Complete Line of Lamp Goods in America.

SIMMONS HARDWARE COMPANY

LAMP CHIMNEYS.

SIMMONS HARDWARE COMPANY

Fig No D4654

Ajax Sun.

Extra Heavy, Double Strength.

	PER DOZEN.
No. 1—"**Klear Krystal**", Lead Flint,	$1 60
No. 2—"**Klear Krystal**", Lead Flint,	2 20

Fig No D4655

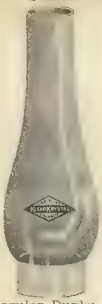
Electric

	PER DOZEN.
No. 1—"**Klear Krystal**", Lead Flint,	$1.30
No. 2—"**Klear Krystal**", Lead Flint,	1.50

Six Dozen in a Box.

The K. K. Chimneys are Fire Proof and Oil Finished.

Fig No D4656



Regular Duplex B. and H.

	PER DOZEN.
"**Klear Krystal**"—Lead Flint,	$1.50

Fig No D4657

No. 2 Globe Incandescent.

	PER DOZEN.
"**Klear Krystal**"—Lead Flint,	$3.60
Hero—Regular Flint,	2.75

Three Dozen in Box, or One and One-half Dozen in a Barrel.

Fig. No D4658

Leader.

	PER DOZEN
No. 1—"**Klear Krystal**", Lead Flint,	$1.00
No. 2—"**Klear Krystal**", Lead Flint,	1.30
No. 3—"**Klear Krystal**", Lead Flint,	2.00

Six Dozen in a Box.

Fig No D4659

Every K. K. Chimney is Fire Tested and Closely Inspected before being Wrapped and Packed.

Fig No D4660

German Student.

	PER DOZEN
No. 1—$1\frac{3}{8}$ in. Bottom,	$0 60
No. 2—$1\frac{3}{4}$ in. Bottom,	.80

Moehring.

	PER DOZEN.
"**Klear Krystal**"—Lead Flint,	$1.50

Six Dozen in a Box.

Gold Chronographs and Repeating Watches.

LIST PRICES EACH

Plain or Engine Turned, Repeater and Chronograph.

No. 525 14 K. 20 Ligne Heavy Hunting Case with fine Nickel 19 Jewel Breguet Hair-Spring, Cut Expansion Balance Movement, 1-5 Second, Start, Stop and Fly-back Repeater striking hours, ¼ hours and minutes $212 50

No. 526 Same as above, with Extra fine Nickel 21 Jewel Movement 200 00

Engine Turned, 1-5 Second Chronograph.

No. Z527 10 K. 20 Ligne Open Face Case with 17 Jewel Nickel, 1-5 Second Start, Stop and Fly-back movement $106 25

No. Z528 10 K. Case, same as above, 20 Jewel Breguet Hair-Spring, Cut Expansion Balance Movement 131 25

No. Z529 14 K. Same as No. 527 ..... 150 00

No. Z530 14 K. Same as No. 528 ..... 175 00

Engine Turned, Repeater and Chronograph.

No. Z531 14 K. 20 Ligne Heavy Hunting Case with fine Nickel 19 Jewel Breguet Hair-Spring, Cut Expansion Balance Movement 1-5 Second, Start, Stop and Fly-back Repeater striking hours and ¼ hours $212 50

No. Z532 Same as above, with Extra fine Nickel 21 Jewel Movement 263 50

Plain or Engine Turned, Split 1-5 Second Chronograph.

No. 536 14 K. 20 Ligne Heavy Hunting Case, Gold and Glass Caps with fine Nickel 19 Ruby Jewels, Breguet Hair Spring, Expansion Balance, Split 1-5 Second, Start, Stop and Fly-back Minute Register Movement ..$262 50

No. 537 Same Case with 21 Ruby Jewels, Adjusted Movement 325 00

Engine Turned, Split 1-5 Second Chronograph.

No. 538 10 K. 20 Ligne Heavy Open Face Case fine Nickel 19 Jewels Breguet Hair Spring Expansion Balance Split 1-5 Second Start Stop and Fly-back Minute Minute Register Movement $205 00

No. 539 14 K. Case same Movement as above 235 00

No. 540 10 K. Case, 1st Quality Movement 252 50

No. 541 14 K. Case, 1st Quality Movement 312 50

Engine Turned, Repeater Split Second Chronograph.

No. 542 18 K. 20 Ligne, Extra Heavy Cases, Gold and Glass Cap with fine Nickel, 19 Jewel, Breguet Hair Spring, Cut Expansion Balance Movement, Split 1-5 Seconds, Start, Stop and Fly-back Repeater, strikes hours and minutes Hunting $450 00

No. 542½ The same, Open Face 437 50

No. 543 Same as above with extra fine Nickel, 21 Jewel, Split Second, Minute Reg Repeater and Independent ¼ Seconds. Hunting 750 00

No. 543½ The same, Open Face 737 50

BE CAREFUL WITH EVERY ORDER TO GIVE NUMBER OF CASE AND LETTER DESIGNATING MOVEMENT.

Gold Filled and Nickel Chronographs.

LIST PRICES EACH.

Plain Polished.

No. 544. Nickel, Horse Timer only, Open Face Case, Minute Register, 1-5 Second Movement .. $18 50

No. Z545. Nickel, Horse Timer only, Independent 1-4 Second Minute Register 20 63

Plain Polished.

No. 546. Nickel, Open Face Stem Wind, Regular Lever, 16 Jewelled Movement, with 1-5 Second, Start, Stop and Flyback Attachment $24 38

Vermicelli Borders, Engraved.

No. 547. Gold Filled, Open Face, Stem Wind, 16 Jewelled Lever movement with Beats, 1-5 Second, Start, Stop and Flyback Attachment . .. $45 73
Case Warranted to Wear 15 Years.

Vermicelli Borders, Engraved.

No. 548. Gold Filled, Open Face, Stem wind, 16 Jewelled Lever Movement, with Split 1-5 Second, Start, Stop and Flyback Attachment $165 75
Case Warranted to Wear 15 Years.

No. 549. Same Movement in Gold Filled Case 114 50
Warranted to Wear 20 Years.

Vermicelli Borders, Engraved.

No. 550. Gold Filled, Hunting, Stem Wind, 16 Jewelled Lever Movement, with 1-5 Second, Start, Stop and Flyback Attachment $67 88
Case Warranted to Wear 15 Years.

No. 551. Same Movement in Gold Filled Case . .. 75 85
Warranted to Wear 20 Years.

Vermicelli Borders, Engraved.

No. 552. Gold Filled, Open Face, Stem Wind, Jewelled Lever Movement, 1-5 Second, 16 Start, Stop and Flyback Attachment, with Minute Register $68 75
Case Warranted to Wear 15 Years

BE CAREFUL WITH EVERY ORDER TO GIVE NUMBER OF CASE AND LETTER DESIGNATING MOVEMENT

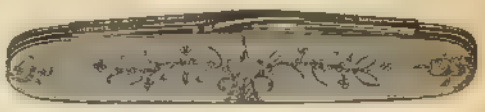
ALWAYS MENTION NUMBER OF CATALOGUE AS WELL AS NUMBER OF PAGE AND ARTICLE WHEN ORDERING.

Gold, Silver and Rolled Gold Plate Novelties.

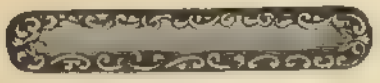
FINE POCKET KNIVES, HAT BANDS AND SCARF HOLDERS. LIST PRICES EACH AND PER DOZEN.

No. 8 . . . each $16 88
Solid Gold Pocket Knife. 4 Fine Steel Blades.

No. 7 each $13 13
Solid Gold Pocket Knife 2 Fine Steel Blades.



No. 9 each, $18 13
Solid Gold Pocket Knife. 4 Fine Steel Blades.



No. 140 . . . . per dozen, $7 50
Sterling Silver Hat Band,
Raised Edge.

No. 108 . . . . . per dozen, $9 38
Sterling Silver Hat Band,
Raised Edge.

No. 115 per dozen, $11 25
Sterling Silver Hat Band,
Raised Edge

No. 6 . per dozen $20 00
Sterling Silver Colored Enameled
Raised Horseshoe, Scarf Holder

No. 145 per dozen, $15 00
Sterling Silver Solid and
Bright Cut Scarf Holder.

No 9 . per dozen $15 00
Sterling Silver, Colored
Enameled Scarf Holder

No 4 . . per dozen, $15 00
Sterling Silver, Raised Dragon
Bright Cut, Scarf Holder.

No 5 . per dozen, $15 00
Rolled Gold Plate Round and
Polished Scarf Holder.

No 8 per dozen. $13 75
Rolled Gold Plate Round and
Polished Edge, Scarf Holder

Solid Gold and Silver Thimbles.

LIST PRICES EACH AND PER DOZEN.

Silver, Open Top.

No		Per Doz
105	Light Weight	$ 6 88
106	Medium "	8 75
107	Heavy "	10 63

Silver, Plain

No.		Per Doz.
108	Light Weight	$5 00
109	Medium "	6 88
110	Heavy "	8 75

Silver, Chased Edge.

No.		Per Doz.
111	Light Weight	$ 7 88
112	Medium "	9 70
113	Heavy "	11 50

Silver, Engraved Border.

No.		Per Doz
114	Light Weight	$ 8 13
115	Medium "	10 00
116	Heavy "	11 25

Silver, Engraved.

No.		Per Doz.
117	Light Weight	$ 8 13
118	Medium "	10 00
119	Heavy "	11 88

Gold, Chased.

No		Each
137	10 Karat	$10 63
138	14 "	13 75

18 K. Gold Filled.

No.		Per Doz.
141	Chased	$25 00
142	Plain	20 63
143	Octagon	37 50

Silver, Chased.

No		Per Doz
120	Light Weight	$16 88
121	Medium "	18 75
122	Heavy "	20 63

Silver, Octagon Engraved.

No		Per Doz
123	Light Weight	$10 00
124	Medium "	11 88
125	Heavy "	13 75

Silver, Gold Bands.

No		Per Doz
126	Chased	$25 00
127	Octagon	26 25
128	Plain	21 25

Gold, Plain.

No.		Each
139	10 Karat	$4 00
140	14 "	6 50

Gold, Chased Border.

No.		Each.
147	10 Karat	$ 8 45
148	14 "	10 63

Gold, Landscape Engraved.

No.		Each.
145	10 Karat	$6 25
146	14 "	7 88

Gold, Octagon Engraved.

No.		Each
133	10 Karat	$ 7 50
134	14 "	10 00

Gold, Chased.

No		Each
135	10 Karat	$ 8 45
136	14 "	10 95

PRICES QUOTED FOR ABOVE THIMBLES ARE FOR MEDIUM HEAVY WEIGHTS.

Fine Gold Pens.

LIST PRICES EACH.

14K. No. 9 B. $5 33 Barrel | No. 6. $3 75 Falcon. | No 8 S. $3 13 Stub or Legal | No. 6 S. $2 38 | No 6 N. $2 38 No. 5 N. 1 88 Short Nib. | No. 8 N $3 13 No 7 N. 2 83 | No 5 E. $2 91 | No 7 E $4 38 Eureka. | No. 2. $1 13 95 | No 3. $1 56 1 00 | No. 4 $1 70 1 05 | No 5 $1 88 1 25 | No. 6 $2 88 1 50 | No. 7 $2 88 1 70 | No. 8. $3 13 | No. 9. $3 75 | No 10 14K. $4 38

Where two prices for the same number Pen are quoted, the top price refers to full 14 Karat and the bottom to full 10 Karat. Only the regular style Pens are made in 10 Karat. We are Wholesale Agents for the celebrated E. S. Johnson Pens, which have been in the market for 40 years, and warranted equal to any ever introduced. In ordering please state the style of Pen desired.

14 K. Solid Gold Plain or Chased Twist Pen Holder.

No. 84. 14 K Plain or Chased Twist Holder, with No. 6 Full 10 K. Pen.....$31 50 With No. 6 Full 14 K. Pen.....$32 38
No. 195. " " " " " 7 " " .....33 68 " 7 " " 34 71

Sterling Silver Chased Pen Holder.

No. 82. Sterling Silver Chased Holder, with No. 5 Full 10 K. Pen.....$3 88 With No. 5 Full 14 K. Pen.....$4 50
No. 194. " " " " 6 " " .....4 38 " 6 " " 5 20

Sterling Silver Assorted Twist Pen Holder.

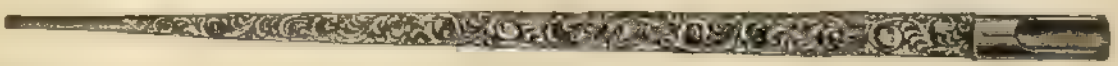
No. 76 Sterling Silver Chased Holder, with No. 4 Full 10 K. Pen.....$2 75 With No. 4 Full 14 K. Pen.....$4 38
No. 77 " " " " " 5 " " " .....4 08 " 5 " " 4 70

Sterling Silver Chased, Indian or Owl Center Pen Holder.

No. 81. Sterling Silver Chased Holder, with No. 6 Full 10 K. Pen.....$5 25 With No. 6 Full 14 K. Pen.....$6 13
No. 191. " " " " " 7 " " " .....5 75 " 7 " " 6 88

Sterling Silver Assorted Twist or Fluted Pen Holder.

No. 93. Sterling Silver Twist or Fluted, with No. 5 Full 10 K. Pen.....$3 88 With No. 5 Full 14 K. Pen.....$4 50
No. 193. " " " " " 6 " " .....4 38 " 6 " " 5 20

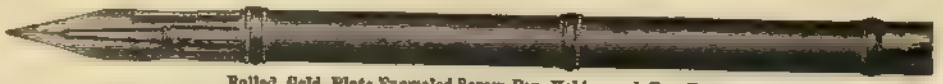


Rolled Gold Plate Chased Pen Holder.

No. 92. Rolled Gold Plate Chased Holder, with No. 4 Full 10 K. Pen.....$3 88 With No. 5 Full 14 K. Pen.....$4 50
No. 192. " " " " " 5 " " .....4 38 " 6 " " 5 00

Rolled Gold Plated Screw Pen Holder and Pencil.

No. 71 Rolled Plate Holder and Pencil, with No. 5 Full 10 K. Pen.....$2 50 With No. 5 Full 14 K. Pen.....$3 60



Rolled Gold Plate Enameled Screw Pen Holder and Pencil.

No. 72. Rolled Plate Enameled Holder and Pencil, with No. 5 Full 10 K. Pen.....$2 50 With No. 5 Full 14 K. Pen.....$3 60

Rolled Gold Plate Ebony Telescopic Pocket Pen Holder.

No. 17 Rolled Plate Telescopic Holder, with No. 4 Full 10 K. Pen.....$2 00 With No. 4 Full 14 K. Pen.....$2 68
No. 18. " " " " 5 " " .....2 20 " 5 " " 2 88
No. 19. " " " " 6 " " .....2 50 " 6 " " 3 45
No. 20. " " " " 7 " " .....2 88 " 7 " " 3 95

FOR BOXES TO FIT PEN HOLDERS SEE PAGE 399.

FINE GOLD PLATED FIGURES.

No. 2015. Gold.....Horse Group..... $5.50
Height, 5¼ inches. Length of Base, 7½ inches.

No. 2021. Gold.....History..... $8.00
Height, 7 inches. Length of Base, 7½ inches.

No. 417. Gold .....Dog.....$2.75
Height, 6 inches. Length of Base, 8 inches.

No. 1791. Gold.....Bull $4.50
Height, 5¼ inches. Length of Base, 8 inches.

No. 1126. Gold.....Lion.... .....$4.50
Height, 5 inches. Length, 7½ inches.

No. 1770. Gold.... ..Horse... .. ..$4.50
Height, 7 inches. Length of Base, 7 inches.

Tube Expanders.

IMPROVED DUDGEON PATTERN, ROLLER.

Fig. 1723

This Expander has a solid body, thus avoiding constant breaking of Cap Screws. One Expander will answer for any thickness of tube sheet.

Outside diameter of Tubes.	Inches,	1	1¼	1½	1¾	1⅞	2	2⅛	2¼	2½
	Each,	$ 8 00	8 00	8 00	9 00	10 00	10 00	12 00	14 00	16 00
Outside diameter of Tubes,	Inches,	3	3½	3¾	3⅞	4	4½	4¾	5	6
	Each,	$18 00	20 00	23 00	25 00	28 00	30 00	33 00	40 00	48 00

Wood Turners' Sizing Tool.

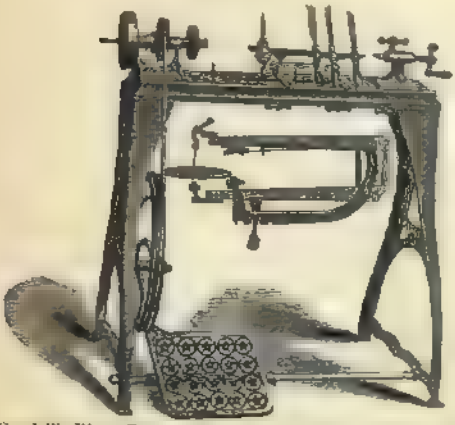
Fig. 1724

Wood Turners' Sizer, Cast Steel, Polished, - - - - - - each, $1 00

Lathes.

GOODELL'S.

Fig. 1725



QUACKENBUSH'S.

Fig. 1726

Goodell's Wood Turners' Lathe, two speeds has 5 inch Face Plate, Spur and Screw Centers, with Drill Chuck holding $\frac{1}{16}$ to $\frac{1}{2}$ inch Straight Shank Drills, $4\frac{1}{2}$x1 inch Solid Emery Wheel, Screw Feed Tailstock, Two Tool Rests, Five Turning Tools, Wrench, etc. Swing of Lathe 5 inches. Length of Bed 24 inches. Distance between Centers $15\frac{1}{2}$ inches. each, $10 00

Extra for Scroll Sawing attachment, (shown in Cut), - - - - - - - " 3 00

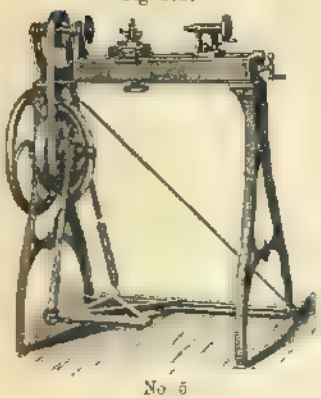
" Circular " " - - - - - - - - " 1 00

Quackenbush's Wood Turners' Lathe. Swing 6 inches. Distance between Centers 20 inches. Diameter of Balance Wheel 18 inches, three Speeds, - " 25 00

Lathes.

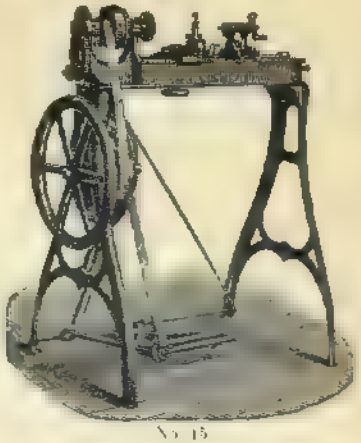
PROVIDENCE

Fig 1727



No 5

Fig 1728



No 15

No 5. Providence Lathe, Swing over Bed 8 inches, Swing over Carriage 4½ inches, Distance between Centers 8 inches, Length of Bed 16 inches, Hollow Steel Spindle receives Rods up to ⅝ inch diameter, Centers fitted to Morse Tapers, Tail Stock sets over for turning Tapers, Weight 175 pounds, Complete with Slide Rest, Tool Post, two T Rests with Holder, Turned Face Plate, etc., - - - - each, $35 00

15. Providence Screw Cutting Lathe, Swing over Bed 8 inches, Swing over Carriage 4½ inches, Distance between Centers 18 inches, Length of Bed 36 inches, Centers fitted to Morse Tapers, Tail Stock sets over for turning Tapers, etc., and the Slide Rest Swivels on the Carriage, Spindle has reverse motion. The Gearing furnished will cut Right or Left Threads from 4 to the inch up, including fine pitches for turning Feeds, etc. The Hollow Spindle has straight Bearings with Adjustments for wear, and receives Rods up to $\frac{5}{16}$ inch diameter, Complete with Slide Rest, 3-inch and 9-inch T Rests with Holder, Wrench, Centers, Gearing, etc., - - - - - - - each, $75 00

JEWELERS' POLISHING LATHE HEAD

Fig. 1729.

Jewelers' Polishing Lathe Head, 6 inches high, spindle 9 inches long, - - - - each, $1 25

MINCING KNIVES.

Fig. No. D3704

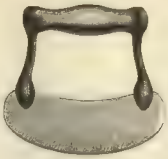


Fig. No. D3703

PER DOZEN.

No. 5—Cast Steel, Polished Blade, **Japanned Iron Handle** and Shanks, ... $3.50

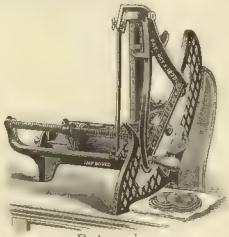
PER DOZEN.

No. 3—Smith's, Double Steel Blades, Japanned Malleable Shanks, ... $4.50

One Dozen in a Box.

DRIED BEEF CUTTERS.

Fig. No. D3705



Enterprise.

EACH.

No 23 Enterprise, Japanned, Weight each, 25 lbs , $7.50

CHEESE KNIVES.

Fig. No. D3707

Enterprise.

EACH.

Enterprise, with Cover, Weight each, 45 lbs., $13 00

One only in a Crate.

MEAT PRESSES.

Fig. No. D3708.

Osborne's, Meat Juice.

EACH.

No. 01 Individual Size, Weight 2¼ lbs., ... $1 25

No. 02—Family Size, Weight 5¼ lbs., . . . 1.75

No. 03—Hospital Size, Weight 11¼ lbs., ... 3.50

BANJO STRINGS.

No. 1690.	First gut String, 2 lengths, very thin, transparent and polished	per bundle, $1 20
" 1691	" " " 2 " " " unpolished	" 1 20
" 1692	Second gut String, 2 lengths, thin, transparent and polished	" 1 40
" 1693.	Third " " 2 " " " " "	" 1 45
" 1694.	Fourth String, 36-inch, thin, American wound, silvered wire on silk	per doz., 45
" 1695.	" " 40 " " " " " "	" 50
" 1696.	" " 36 " " " " " " gut	" 55
" 1697.	First String, steel wire, silver plated, in paper boxes	" 15
" 1698.	Second " " " " " " "	" 15
" 1699.	Third " " " " " " "	" 15
" 1700.	Fourth " " " wound	" 35
" 1701.	" " " " center "Compound"	" 35

No 1702. Complete set of Banjo Strings, graduated sizes, fine quality, in neat paper boxes ..... per doz., $3 75

GLASS STRING JARS AND BOXES.

No. 3251	8-ounce, with metal screw top, no lettering, 3 in. high, 3½ in diameter, for violin or banjo strings	each, $0 15
" 3252	16 " " " " " " height 4½ in., diameter 4½ in., for guitar strings	" 20
" 3253.	Height 4½ in., diameter 4½ in., fancy engraved letters, with glass stopper, for E, A, D and G violin	" 60
" 3254.	" 4½ in., " 4½ in., " " " " " " " banjo 1st, 2d, 3d and 4th strings	" 60
" 3255.	Labeled for E, A, D and G violin, and D, A and E guitar strings, cloth covered, gold lettered, with tin foil lining	" 15
" 3256.	" " first, second, third and fourth banjo strings, cloth covered, gold lettered, with tin foil lining	" 15
" 3257.	" " A, D, G and C violoncello strings, cloth covered, gold lettered, with tin foil lining	" 20

NOTE.—These boxes are designed especially for the use of dealers in retailing, and are so constructed as to resist the effects of the atmosphere hence, strings kept in them retain their original strength and freshness.

READ THE PREFACE BEFORE ORDERING.

Revolvers.

THE W. BINGHAM CO.'S EXCELSIOR.

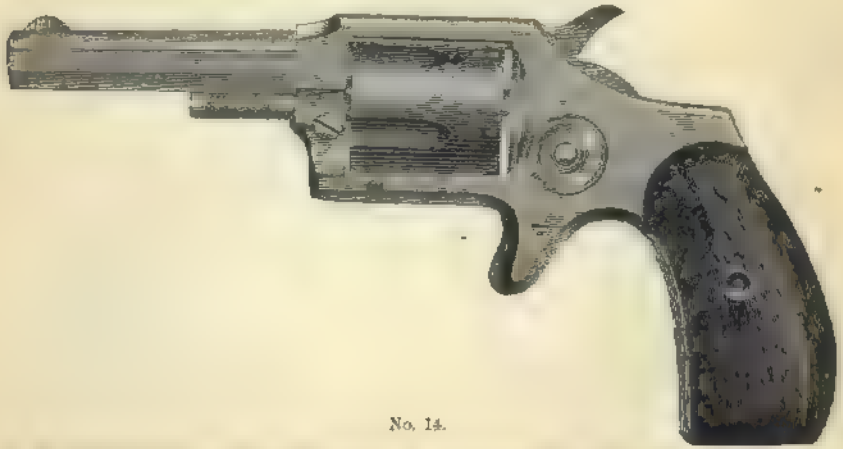
Fig. 4846.

No. 9

No. 8,	22	Caliber,	Long	Fluted	Cylinder,	Seven Shot	2½	inch,	Octagon	Barrel,	Rubber	Stock,	each, $2 75
9,	32	"	"	"	"	Five Shot,	2½	"	"	"	"	"	" 2 75
10,	32	"	"	"	"	"	2½	"	"	"	Ivory	"	" 4 00
11,	32	"	"	"	"	"	2½	"	"	"	Pearl	"	" 60

RED JACKET.

Fig. 4847



No. 14.

No. 14,	32	Caliber,	Long	Fluted	Cylinder,	Five Shot,	2½	inch,	Octagon	Barrel,	Wood	Stock,	each $4 50
24,	32	"	"	"	"	"	2½	"	"	"	Rubber	"	" 5 00

All above Revolvers, One in a Box.

Revolvers.

HARRINGTON & RICHARDSON

Fig 4848

Double Action, Automatic Shell Ejector, using S. & W Center Fire Cartridges

No. [illegible] 32 Caliber, Six-Shot, Fluted Cylinder, 3½-inch Barrel, Rubber Stock, Weight 13 ounces, - each, $5 50

25 38 Caliber, Five-Shot, Fluted Cylinder, 3½-inch Barrel, Rubber Stock, Weight 18 ounces, - each, 6 00

AMERICAN

Fig 4849

Double Action, Rubber Stock

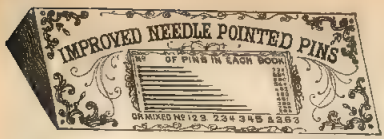
No. 30, 22 Caliber, Long, Seven-Shot, 2-inch Barrel, using Rim Fire Cartridges, - - - each, $3 00

30, 32 Caliber, Five-Shot, 2½-inch Barrel, using S. & W. Center Fire Cartridges, - - - each, 3 25

35, 38 Caliber, Five-Shot, 2½-inch Barrel, using S. & W Center Fire Cartridges, each, 3 50

40, 44 Caliber, Five-Shot, 2½-inch Barrel, using Webley's Center Fire Cartridges, - - - each, 4 00

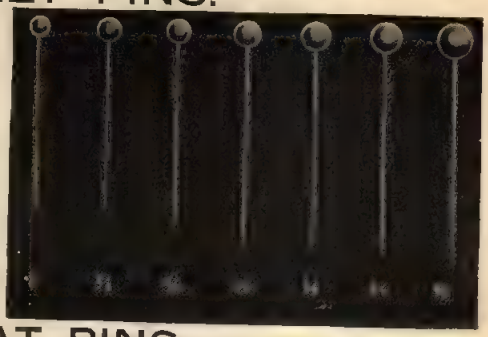
All above Revolvers, One in a Box



BOOK PINS.

Tarney's imported, net cash.....per doz., $1 15
Miller's..... " 75

BELT PINS.



No. 10 CUT HEADS.

2-0	per gross,	$0 55
4-0	"	65
5-0	"	70
6-0	"	75
8-0	"	90
10-0	"	1 10

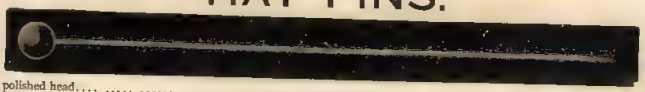
No. 16 POLISHED HEADS.

0	per gross,	$0 14
2-0	"	16
3-0	"	18
4-0	"	20
5-0	"	22
6-0	"	25
8-0	"	30

No. 909 MAT HEADS.

0	per gross,	$0 20
2-0	"	22
3-0	"	25
4-0	"	28
6-0	"	35
8-0	"	50

HAT PINS.



No. 130.	Black polished head	per gross, $0 50
" 137.	White head	" 60
" 980.	Unpolished head	" 75
" 131.	Cut head	" 1 10

HOOKS AND EYES.

No. 12.

No. 10.

No. 8.

No. 4.

No. 2.

CARDED MILITARY HOOKS AND EYES.

	No. 8.	No. 10.	No. 12.
Japanned, straight	$0 95	$1 25	$2 00
Silvered	1 85	2 75	3 50

Price per great gross.

P. B. & CO. STRAIGHT HOOKS AND EYES.

	No. 2.	No. 3	No. 4.
Adamantine	$0 60	$0 65	$ 70
Japanned	55	60	70
Silvered	90	1 05	1 10

BENT HOOKS AND EYES.

	No. 3.	No. 4.	No. 8.	No. 10.
Japanned	$0 85	$0 95	$1 25	$1 45
Silvered	1 45	1 75	2 50	3 75

Price per great gross

Can't

Come unhooked, turn, twist, or jump! And here's the reason:

See that

hump?

Trade-Mark reg. Apr. 29, '96.

The De Long Patent Hook and Eye.

Black, white and drab.

Nos.	2	3	4	5	6	12	15	Per gt. gross,
	$4 75	5 70	5 70	6 65	7 60	8 55	11 40	2% 10 days.

Japanned and silvered.

Nos.	3	4
Per gross	$4 50	$4 50

"Duplex," Japanned and silvered.

Nos	3	4
Per great gross, net	$5 17	$5 17

NURSERY OR SAFETY PINS.

Actual Sizes.

No. 1 Safety Pin.

No. 2 Safety Pin.

No. 2½ Safety Pin.

No. 3 Safety Pin.

		No. 1.	No. 2.	No. 2½	No. 3
Spartan	per gross, net,	$0 22	$0 26	$0 30	$0 40
Stewart's	"	50	58	65	65
" nickel	"	$0 50	55	65	70
Duplex, can be closed from either side		50	55	65	70
Miles			50	58	65

No 4. Crib Pin ½ gross in box.....per gross, $3 00

No. 5. Nickel Horse Blanket Pin, ¼ gross in box . . . . per gross, $4 25

HAIR CRIMPERS.

Sample Cut Full Size.

Small, 2½ inch...per gross, less 10%, net, $2 75
Large, 3½ " ... " " 10%, " 4 00

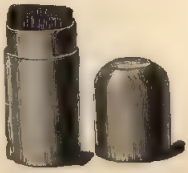
This Cabinet, contains 1 gross each of Nos. 1, 2, 2½ and 3 Duplex nickeled Safety Pins. These pins can be closed from either side, per cabinet $2 40

TIDY PINS.

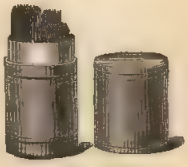
Silvered Tidy Pins, per gross $2 25

HAIR PINS.

Scotch Plaid, assorted, containing 100 Hair Pins, full count per gross, $3 70



Excelsior, highly polished wood, assorted colors, red, white and orange, containing 100 Hair Pins, full count, per gross $4 25



Universal, highly polished wood box, assorted colors, red, white and orange, containing 100 Hair Pins, full count .....per gross, $4 25

READ THE PREFACE BEFORE ORDERING.

Police Lanterns.

ROUND.

Fig. 6382.

FLAT

Fig. 6383

No. 0, 2-inch Lens, Japanned, Flat Pocket Police Lantern,	per dozen	$5 50
2, 2½ " " " Round Police Lantern,	"	6 00
3, 3 " " " " " "	"	7 00
4, 3½ " " " " " "	"	7 50

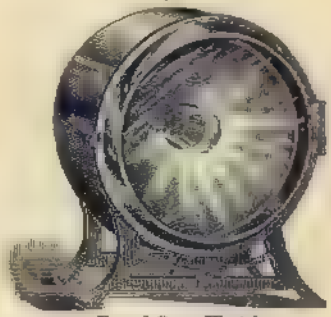
Headlights.

FOR CABLE AND ELECTRIC CARS

Fig. 6384.

Square Case, for Oil.

Fig. 6385.



Round Case, Electric.

No. 01 10-inch Silver-plated Copper Reflector Square Japanned Case, with Dashboard Attachments, each, $16 00

In ordering send diagram showing curvature of Dash, also state whether the Headlight is to hang in the center or at one side These directions are necessary, that the Headlight may be hung to illuminate the track directly ahead of the car, not to one side of it.

No 02, 10-inch Silver-plated Copper Reflector, Round Japanned Case, with Standards for attaching to roof of car, (without Incandescent Lamps,)	each,	$16 00
02½, Brass Case, otherwise same as No. 02,	"	24 00

In ordering, state Style of Lamp Socket desired.

Lantern Burners.

TUBULAR

Fig. 6386

Fig. 6387

No. 1,	Tubular Burners, for ⅞ inch Wick,	per dozen,	$0 80
2,	" " 1 "	"	2 00

One Dozen in a Box

Lantern Globes.

Tubular Street or Hanging.

Cond'rs' Plain. Fig. 6388.

No. 89.

Tubular Plain. Fig. 6389.

Nos. 00, 0 and 1.

Tubular Bull's-Eye. Fig. 6390.

No. 0.

Fig. 6391.

No. 150

Railroad Plain Fig. 6392.

No. 39

Railroad Bull's-Eye. Fig. 6393.

No. 39

Cond'rs' H'll Green Fig. 6394.

No. 89

No. 00,	White, Tubular Lantern Globes,	per dozen,	$0 90
0,	" " " "	"	1 00
0,	" " " " with Bull's-Eye,	"	1 92
0,	Ruby, " " "	"	4 00
0,	Green, " " "	"	3 50
1,	White, " " "	"	1 42
39,	" Railroad " "	"	1 60
39,	" " " " with Bull's-Eye,	"	2 16
39,	Ruby, " " "	"	4 50
39,	Green, " " "	"	4 00
89,	White, Conductors' Lantern Globes, Best Flint Glass,	"	5 00
89,	Half-Green " " " " "	"	30 00
92,	White, " " " " "	"	5 00
92,	Half-Green, " " " " "	"	30 00
94,	White, " " " " "	"	5 00
94,	Half Green, " " " " "	"	30 00
95,	White, " " " Common Glass,	"	4 80
95,	Half-Green, " " " Best Flint Glass,	"	30 00
150,	White, Tubular Hanging or Street Lamp Globes,	"	6 72

HAND PAINTED COLOGNE BOTTLES.

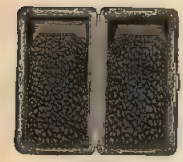
No. 1953. Height 6¾ inches, very tasteful design, made of etched crystal glass, decorated with pansies, rich silk bow and silver chain.....per doz., $9 00

No. 1952. Height 7 inches, decidedly new shape, made of etched white opal glass, most artistically decorated with pansies and lilacs on chased background, silk bow, silver chain.....per doz., $10 50

No. 1951. Height 6½ inches, very shapely design, made of etched crystal glass, decorated with pansies and lilacs, rich silk bow and silver chain holding stopper to the bottle, per dozen.....$9 00

No. 1954. Height 6 inches, very dainty and attractive design, made of etched white opal glass, beautifully ornamented with hand paintings of pansies and lilacs, rich silk bow and silver chain.....per doz., $10 50

POCKET CIGAR CASES.



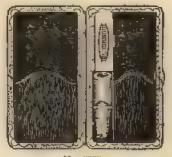
No. 670.

No. 2306.

No. 2304.

No. 2307.

No. 2308.



No. 2309.

No. 2310.

No. 2311.

No.		Per Doz.
670.	Steel frame, beveled push catch, frame etched in gilt on inside, imitation seal inside and out, satin lined, 5¼x3⅛	$12 00
672	Beveled steel frame, gilt, push catch, etched frame inside, seal leather inside and out, satin lined, 5¼x2¾	12 00
671.	Round steel frame, nickeled, long bar push catch on end, opens at end, grained morocco inside and out, leather lined, 5⅜x3⅛	12 00
669.	Round steel, leather covered frame, nickeled knob catch, imitation seal inside and out, satin lined, 5⅜x3⅛	10 00
2303.	Fancy embossed leather front, nickeled frame, leather flaps, satin lined,	8 00
2304.	Seal finished leather cover, nickel frame, embroidered flap, Italian cloth lined	8 00
2305.	Fancy embossed cover, engraved frame, embroidered flap, satin lined.	$10 50
2306.	Seal finished leather cover, engraved frame, embroidered flaps, satin lined	10 50
2307.	Fancy embossed cover, same as above	12 00
2308.	Genuine seal cover and flaps, engraved frame, watered silk lined	15 00
2309.	Seal finished leather cover, nickel frame, match box and cigar tube inside, satin lined	12 00
2310.	Grain leather, telescope, unlined.	4 50
2311.	Genuine seal, silvered frame	9 00
866.	Fancy embossed leather, jockey design	8 00
4987.	Embossed leather, satin lined	8 00
1036.	Embossed leather, satin lined	$12 00
870.	Finest calf, satin lined	12 00
869.	Finest calf, leather lined	12 00
871.	Genuine Russia, leather lined	13 50

PRACTICAL AND DURABLE CIGAR CASES.

RIVETED FRAMES, LEATHER LINED.

No.		Per Doz.
1033.	Genuine morocco.	$15 00
874.	Genuine morocco, chamois lined	16 50
873	Levantined morocco, leather lined	16 50
1034.	Finest morocco, suede lined	18 00
872	Calf, satin lined	18 00
875.	Morocco, leather lined, bellow sides.	21 00

READ THE PREFACE BEFORE ORDERING.

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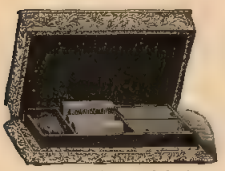
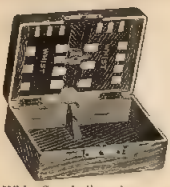
GAME BOXES.

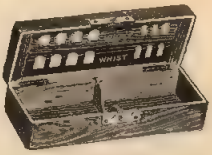


No. 1306. Fine seal grained leather, handsomely trimmed with embossed gilt metal, extension top with silver and gilt metal ornament in center, platform base, fine satin lining, fitted with 100 1 7-inch poker chips 2 packs of fine cards, and 2 celluloid game counters, 11x7¾x2¾, per doz., $80 00



No. 19. Whist Set, Italian olive wood, finest polish, contains 2 whist counters, compartments for 4 packs of cards, 6x4½x2¼.....per doz., $39 00

No. 68. Same as above, but for 8 players, but has lock and key, 8¼x 6½x2¾ .....per doz., 81 00



No. 30. Whist Set, Italian olive wood, finest polish, contains 2 whist counters, compartments for 4 packs of cards, 8¼x3¼x2¾.....per doz., $36 00

No. 10. Same as above, contains Whist and Grobbage Counters, 8¼x3¼x2¼, per dozen..... 54 00

OLIVE WOOD GAME BOXES.

POLISHED IN AND OUTSIDE.

No. 5478. Italian olive wood, platform case, hinged with lock and key, compartment to hold 100 chips and to hold 2 packs of cards, 8x5½x3¾, upright shape.....per doz., $72 00

No. 5195. Italian olive wood, 4 extension trays, hinged to hold 50 chips each, compartments to hold 2 packs of cards, lock and key of finest workmanship, 8¾x6x6, upright shape..per doz., 144 00

No. 4404. Italian olive wood, flat oblong shape, hinged, compartment will hold 1 pack of cards and 100 chips, 10½x4½x2½, per dozen..... 72 00

No. 4404ST. Tanganyika wood, olive wood lined, flat oblong shape, hinged, compartment will hold 1 pack of cards and 100 chips, 10½x4½x2½.....per doz., 72 00

FANCY SHAPED WHIST BOXES.

FOR FOUR PLAYERS.

No. 17. Olive wood, contains two counters and has compartments for 4 packs of cards, upright shape, 6x2½x4.....per doz., $33 00

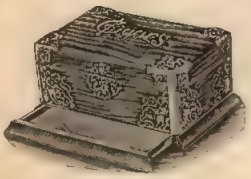
No. 5396. Olive wood, highly polished, portemonnaie shape contains 2 counters and has compartments for 2 packs of cards, upright shape, 5¾x2x4½.....per doz., 45 00

No. 5386. Olive wood, highly polished, double lid on hinges, 2 counters and has compartments for 4 packs of cards, 7x5x2½.....per doz., 51 00

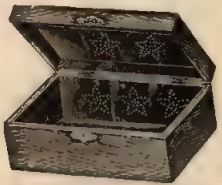
No. 3286. Olive wood, cabinet shape, contains 2 whist counters, has compartments to hold 2 packs of cards, 5x3¾x4, per dozen 39 00

CIGAR BOXES.

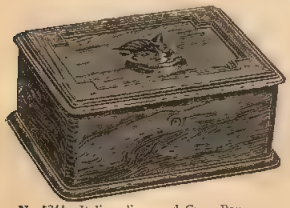
No. 2012. Polished Spanish cedar, richly trimmed and heavily mounted in bright silver metal, removable moistening pad, lock and key, holding 50 cigars, 10x6¾x4¼..... per doz., $48 00



No. 2011. Polished Spanish cedar, richly ornamented and heavily mounted in bright silver metal, molded platform base, ball feet, bright silver, metal lining, perforated in bottom, so as to communicate with moistening pad in sliding drawer, lock and key, holding 50 cigars, 11x7½x5½, per dozen.....$78 00



No. 2230. Polished chestnut, metal lined, patent moisteners, lock and key, "Cigars" in metal script on top, 9¼x4¼x4.....per doz., $12 00



No. 5244. Italian olive wood Cigar Box, highly polished, hand painted animal heads, zinc lined, with moistener, 11x8x5.....per doz., $90 00

No. 2240. Polished oak, round corners, silver ornaments on top, key plate, "Cigars" in metal script on top metal lined with patent silver moistener, lock and key, 10x6¼x4½, per dozen. $33 00

No. 2241. Polished oak, fancy metal corners and name plate, four corners, lock and key, metal lined, patent silver moisteners, 9½x6½x4 . per dozen 24 00

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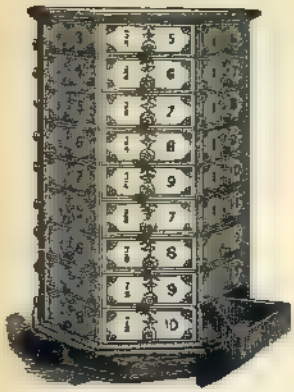
Screw and Bolt Cases.

BOLT.
Fig. 4696.

No. 1.

SCREW
Fig. 4695.



No. 1.

No. 1,	Screw Case,	72	Drawers,	Height	33	inches,	Width	21	inches,	-	-	-	each,	$17	00
2,	"	"	80	"	"	36	"	"	21	"	"	19	50
3,	"	"	88	"	"	39	"	"	24	"	-	-	-	"	22	00
4,	"	"	96	"	"	42	"	"	24	"	-	-	-	"	24	50
1,	Bolt	"	98	"	"	46	"	"	26	"	-	-	-	"	33	00
2,	"	"	104	"	"	50	"	"	26	"	-	-	-	"	38	00
Extra for crating Screw Cases, Net,	-	-	-	-	-	-	-	-	"	75
"	"	Bolt	"	"	-	-	-	-	-	-	-	"	2	00

List of Sizes contained in Screw and Bolt Cases.

No. 1, Screw Case, contains
$\frac{1}{4}$ inch, Nos. 3, 4, 5, 6, 7, $\frac{3}{8}$ inch, Nos. 5, 6, 7, 8, $\frac{7}{16}$ inch, Nos. 5, 6, 7, 8, 9; $\frac{1}{2}$ inch, Nos. 7, 8, 9, 10; 1 inch, Nos. 6, 7, 8, 9, 10, 11, 12, 13, 14, $1\frac{1}{4}$ inch, Nos. 7, 8, 9, 10, 11, 12, 13, 14, 15, $1\frac{1}{2}$ inch, Nos. 8, 9, 10, 11, 12, 13, 14, 15, 16 $1\frac{3}{4}$ inch, Nos. 9, 10, 11, 12, 13, 14, 15, 16, 17; 2-inch, Nos. 10, 11, 12, 13, $1\frac{1}{4}$, 15, 16, 17, 18; $2\frac{1}{2}$-inch, Nos. 12 13, 14, 15, 16; 3-inch, Nos 16, 18, 20, 22.

No 2, Screw Case, contains in addition to sizes in No. 1 Case
$\frac{3}{8}$ inch, Nos. 2, 3, 4; $\frac{1}{2}$ inch, No. 4; $\frac{7}{16}$ inch, Nos. 4, 10; $\frac{1}{2}$ inch, Nos. 6, 11.

No. 3, Screw Case, contains in additions to sizes in No. 1 Case:
$\frac{1}{4}$ inch, Nos 1, 2, $\frac{3}{8}$ inch, Nos. 2, 3, 4, 5, $\frac{7}{16}$ inch, Nos 4, 9; $\frac{1}{2}$ inch, Nos 4, 10; $\frac{5}{8}$ inch, Nos. 6, 11, 12, 1 inch, No. 15; $1\frac{1}{4}$ inch, No. 16; $1\frac{3}{4}$ inch, No 18.

No. 4, Screw Case, contains in addition to sizes in No. 1 Case:
$\frac{1}{4}$ inch, Nos. 1, 2; $\frac{3}{8}$ inch, Nos. 2, 3, 4, 5, 6, $\frac{1}{2}$ inch, No. 8; $\frac{7}{16}$ inch, Nos. 4, 9, 10, 11; $\frac{5}{8}$ inch. Nos. 4, 10, 11, 12; $\frac{3}{4}$ inch, Nos. 6, 11, 12; 1 inch, Nos. 15, 16. $3\frac{1}{4}$ inch, Nos. 16, 18, 20.

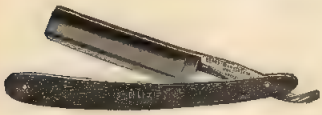
No. 1, Bolt Case, contains:
TIRE BOLTS—$\frac{5}{16}$x$1\frac{1}{4}$, $1\frac{1}{2}$, $1\frac{3}{4}$, 2, $2\frac{1}{4}$, $2\frac{1}{2}$, $2\frac{3}{4}$, 3 inches; $\frac{1}{2}$x$1\frac{1}{4}$, $1\frac{1}{2}$, $1\frac{3}{4}$, 2, $2\frac{1}{4}$, $2\frac{1}{2}$, $2\frac{3}{4}$, 3 inches; $\frac{5}{16}$x2, $2\frac{1}{2}$, $2\frac{1}{2}$ inches.
CARRIAGE BOLTS—$\frac{1}{4}$x$1\frac{1}{4}$, $1\frac{1}{2}$, $1\frac{3}{4}$, 2, $2\frac{1}{4}$, $2\frac{1}{2}$, $2\frac{3}{4}$, 3, $3\frac{1}{4}$, $3\frac{1}{2}$, $3\frac{3}{4}$, 4, $4\frac{1}{4}$, $4\frac{1}{2}$, $4\frac{3}{4}$, 5 inches; $\frac{3}{16}$x$1\frac{1}{4}$, $1\frac{1}{2}$, $1\frac{3}{4}$, 2, $2\frac{1}{4}$, $2\frac{1}{2}$, $2\frac{3}{4}$, 3, $3\frac{1}{4}$, $3\frac{1}{2}$, $3\frac{3}{4}$, 4, $4\frac{1}{4}$, $4\frac{1}{2}$, $4\frac{3}{4}$, 5, $5\frac{1}{4}$, $5\frac{1}{2}$, 6 inches. $\frac{3}{8}$x2, $2\frac{1}{4}$, $2\frac{1}{2}$, $2\frac{3}{4}$, 3, $3\frac{1}{4}$, $3\frac{1}{2}$, $3\frac{3}{4}$, 4, $4\frac{1}{4}$, $4\frac{1}{2}$, 5, 6 inches $\frac{7}{16}$x2. $2\frac{1}{2}$. 3. $3\frac{1}{2}$. 4, $4\frac{1}{2}$, 5 $5\frac{1}{2}$, 6 $6\frac{1}{2}$, 7, 8, 9, 10 inches. $\frac{1}{2}$x2, $2\frac{1}{2}$, 3. $3\frac{1}{2}$, 4, $4\frac{1}{2}$. 5, $5\frac{1}{2}$, 6, $6\frac{1}{2}$. 7, 8, 9, 10, 11, 12 inches.

No. 2, Bolt Case, contains in addition to sizes in No. 1 Case:
CARRIAGE BOLTS—$\frac{7}{16}$x$7\frac{1}{2}$, $8\frac{1}{2}$, $9\frac{1}{2}$ inches; $\frac{1}{2}$x$7\frac{1}{2}$, $8\frac{1}{2}$, $9\frac{1}{2}$ inches.

Sizes on Bolt and Screw Cases changed to suit purchasers without extra charge.

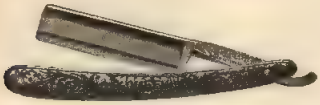
QUEEN RAZORS.

HENRY SEARS & SON, 1865. WARRANTED.



With rib and full concave edge.

No. 850 I. Black rubber handle; Hamburg ground, "Barbers' Queen," ½ inch .....per doz., $24 00



No. 488 I.

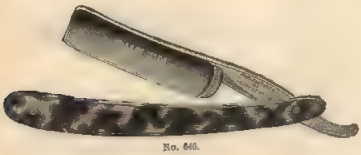
With rib and full concave edge.

No. 552 I. Black rubber handle, Hamburg ground, square point, ½ inch.....per doz., 22 50

" 488 I. Black rubber handle, Hamburg ground, square point, ⅝ inch.....per doz., 23 50

" 486 I. Black rubber handle, Hamburg ground, round point, ½ inch.....per doz., 22 50

" 489 I. Black rubber handle, Hamburg ground, round point, ¾ inch.....per doz., 22 50



No. 640.

With rib and full concaved edge

No. 760. Shell handle, Hamburg ground, square point, ⅝ inch, per doz..... 23 50

" 640. Shell handle, Hamburg ground, square point, ¾ inch, per doz..... 22 50

With rib and full concaved edge.

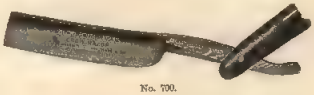
No. 810. Black rubber handle, full hollow ground, Barbers' Trump, ⅝ inch .....per doz., 19 13

No 390.

With rib and full cancaved edge.

No. 390. Black rubber handle, Hamburg ground, Sears Cutter," ⅝ inch.....per doz., $22 50

" 330. Flat black rubber handle, Hamburg ground, gentleman's razor, ⅝ inch.....per doz., 18 00



No. 700.

No. 670. Mottled rubber handle, extra hollow ground, "Crow Razor," ½ inch .....per doz., $16 50

" 700. Black rubber handle, extra hollow ground, "Crow Razor," ⅝ inch.....per doz., 16 50

No. 493. Black rubber handle, hollow ground, etched in gilt, ⅝ inch.....per doz., $16 13

No. 491.

No. 491 White bone handle, hollow ground "The Gold Dollar," ⅝ inch .....per doz., $12 00

" 370 Black rubber handle hollow ground, "The Gold Dollar," ⅝ inch .....per doz., 12 00

No. 320. Shell handle, heavy back, etched in gilt "The Mirror," concave blade, full polished, ⅝ inch.....per doz., $13 50

No. 361.

No. 361 Black rubber handle, hollow ground, "Clean Shaver," ⅝ inch.....per doz., $9 38

" 362 Black rubber handle hollow ground, "Clean Shaver," ¾ inch .....per doz., 9 75

ALL RAZOR CUTS ONE-HALF FULL SIZE.

Less 33 1-3 per cent. Net.

WE ARE HEADQUARTERS FOR

HIGH AND MEDIUM GRADE BICYCLES,

Tricycles, Velocipedes, Pneumatic Tires,
Saddles, Bicycle Clothing, Bicycle Caps,
Bicycle Stockings, Bicycle Shoes, Sweaters,
Cyclometers, Lamps, Bells,

Wood Rims, Pedals, Repair Outfits,
Wood Rim Cement, Elastic Cement, Tire Cement,
Lamp Oil, Lubricating Oil, Tire Heaters,
Child's Seats, Luggage Carriers, Bicycle Stands,

Fig. No D6660

Cork Grips, Corkaline Grips, Foot Pumps,
Foot Brakes, Derby Stop Watches, Trouser Guards,
Skirt Supporters, Stocking Supporters, Hand Pumps.

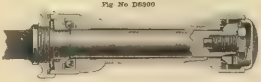
Spoke and Nipple Grips, Toe Clips, Coasters,
Chain Lubricant, Mud Guards, Enamel,
Tire Tape, Lamp Brackets, Sheet Rubber,
Material for Repairs.

WRITE FOR COMPLETE CATALOGUE OF

BICYCLES AND SUNDRIES.

BALL BEARING AXLES, PNEUMATIC WHEELS AND TUBULAR RUNNING GEAR.

Fig. No. D8300.



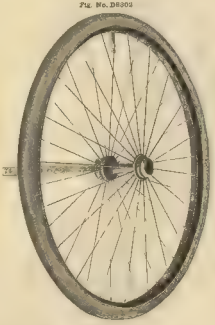
Ball Bearing Axles for Wood Wheels.
Sizes: 3/4, 7/8, 1, 1 1/16, 1 1/8 in.

Fig. No. D8301.

Sulky Wheel.

No. 1—Racing, . . .
No. 2 Training, .

Fig. No. D8302



Pneumatic Wire Wheel, with 3/4 inch and 7/8 inch Ball Bearing Axle.

Fig. No. D8303

Steel Tubular Gear, with Pneumatic Tire Wheels, Ball Bearing Spindles, 5th Wheel and Shaft Attachments.

Write for Special Circular Containing Full Information, Prices, etc., on this Line of Goods.

SPITTOONS.

Fig. No. D6068

Common Tin Spittoons.

Japanned.

Nos.,	1J	2J	3J
Inches,	8½ x 2½	9½ x 2	8½ x 1¾
Per dozen,	$3.60	3.40	3.25

Fig. No. D6069

Cast Iron Spittoons.

Painted.

PER DOZEN.

No. 7—11½ in. Across Top, $15.00

Fig. No. D6070

Club Spittoons.

Nickel Plated

PER DOZEN

No. 8—10 in. Diameter, 4 in. High, $24 00

Stamped from one piece Sheet Steel.

CUSPIDORES.

Fig. No. D6071

Protection.

Japanned.

PER DOZEN.

Protection, Assorted Colors, $9.00

Fig. No. D6072

Japanned.

Ornamented.

PER DOZEN.

No. 30—5 in. High, 7 in. Across Top, Assorted Colors, . $5 00

No. 3—Light, Assorted Colors, 4.00

Fig. No. D6073

Japanned.

Weighted Bottom.

PER DOZEN

No. 70—Small, . . $ 6 50

No. 100—Large, . . 10.50

Fig. No. D6074

Cast Iron.

Enameled, Scarlet Red.

PER DOZEN.

No. 2—Self-Righting, 6 in. High, 8 in. Across Top, $15 00

Fig. No. D6075

Grand.

Steel, Nickel Plated.

PER DOZEN.

No. 0—Self-Righting, 5 in. High, 8⅝ in. Across Top, . $7 00

Fig. No. D6076

Steel.

Nickel Plated.

PER DOZEN.

No. 1½ 4½ in. High, $6.00

Fig. No. D6077

Brass.

PER DOZEN

No. 20—Brass, Loaded Bottom, 5¾ in. High, 7½ in. Across Top, ... $18.00

Fig. No. D6078

Metropolitan.

Nickel Plated. PER DOZEN.

No. 94—Polished Zinc, Loaded Bottom, Self-Righting, 6 in. High, 7½ in. Across Top, . . $12.00

FIVE O'CLOCK KETTLES AND STANDS.

With Alcohol Lamps.

Fig No D6083

EACH.

No. 2440 Capacity of Kettle 2½ pints, Wrought Iron Stand, **Polished Brass** Kettle, $5.00

No. 2444 Capacity of Kettle 2½ pints, Wrought Iron Stand, **Polished Copper** Kettle, 5 50

Fig No D6088

EACH.

No. 2460—Capacity of Kettle 2½ pints, Wrought Iron Stand, **Polished Brass** Kettle, $5.50

No. 2464 Capacity of Kettle 2½ pints, Wrought Iron Stand, **Polished Copper** Kettle, 6.00

Fig No D6084.

EACH.

No. 2560—Capacity of Kettle 2½ pints, Wrought Iron Stand, **Polished Brass** Kettle, $6.00

No. 2564—Capacity of Kettle 2½ pints, Wrought Iron Stand, **Polished Copper** Kettle, 6.50

Fig. No. D6085.

EACH

No. 2640 Capacity of Kettle 2½ pints, Wrought Iron Stand, **Polished Brass** Kettle, $7.00

No. 2644—Capacity of Kettle 2½ pints, Wrought Iron Stand, **Polished Copper** Kettle, 7.50

Fig No. D6086

EACH.

No. 1 SB Capacity of Kettle 2 pints, Wrought Iron Stand, **Polished Brass** Kettle, $7 50

No. 1/SC—Capacity of Kettle 2 pints, Wrought Iron Stand, **Polished Copper** Kettle, 8.00

Fig No. D6087

EACH.

No. 62 10B Capacity of Kettle 3½ pints, Wrought Iron Stand, **Polished Brass** Kettle $9 00

No. 62/10C—Capacity of Kettle 3½ pints, Wrought Iron Stand, **Polished Copper** Kettle, 1.50

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With Alcohol Lamps.

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PER DOZEN

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Stamped from one piece Sheet Steel.

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Protection, Assorted Colors, $9.00

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No. 3—Light, Assorted Colors, 4.00

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Weighted Bottom.

PER DOZEN

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No. 94—Polished Zinc, Loaded Bottom, Self-Righting, 6 in. High, 7½ in. Across Top, . . $12.00

SIMMONS HARDWARE COMPANY

HIGH TEAS.

Wrought Iron Stands, with Alcohol Lamps.

Polished Brass or Copper Kettles and Lamps.

Kettles Tinned Inside.

Fig. No. D6081.

EACH.

No. 1730—Height 44 in., **Polished Brass** Kettle and Lamp, Capacity of Kettle 4½ pints, $6.25

Fig. No. D6053.

EACH.

No. 5/5/8 Sp.—Height 35 in., **Polished Brass** Kettle and Lamp, Capacity of Kettle 3 pints, $15.00

Fig. No. D6058.

EACH.

No. 106/9—Height 45 in., **Polished Brass** Kettle and Lamp, Capacity of Kettle 3 pints, $7.50

Fig. No. D6054

Fig. No. D6056.

EACH.

No. 1720—Height 41 in., Capacity of Kettle 2 pints, **Polished Brass** Kettle and Lamp, $12.00

No. 1724 Height 41 in., Capacity of Kettle 2 Pints, **Polished Copper** Kettle and Lamp, . 12.50

EACH.

No. 1740 Height 45 in., Capacity of Kettle 3 pints, **Polished Brass** Kettle and Lamp, . $18.00

No. 1744—Height 45 in., Capacity of Kettle 3 pints, **Polished Copper** Kettle and Lamp, . 18.50

FIVE O'CLOCK KETTLES AND STANDS.

With Alcohol Lamps.

Fig. No. D6058

EACH.

No. 30—Capacity of Kettle 1½ pints, Wrought Iron Stand, **Polished Brass** Kettle, $2.50

Fig. No. D6057

EACH.

No. 2650 Capacity of Kettle 2 pints, Wrought Iron Stand, **Polished Brass** Kettle, $3.00

Fig. No. D6059

EACH.

No. 85—Capacity of Kettle 2 pints, Stand and Kettle **Polished Brass,** . $3.15

Fig. No. D6058

EACH.

No. 9A—Capacity of Kettle 2 pints, Wrought Iron Stand, **Polished Brass** Kettle, $3.50

Fig. No. D6060

EACH.

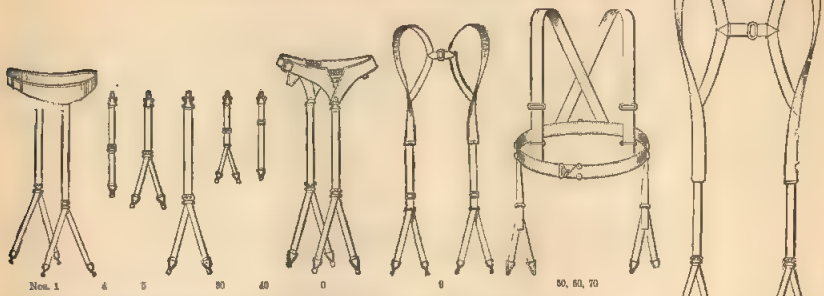
No. 85A—Capacity of Kettle 2 pints, Stand and Kettle **Polished Brass,** . $4.50

Fig. No. D6061

EACH

No. 248 21 Capacity of Kettle 2 pints, Wrought Iron Stand, **Polished Brass** Kettle, $5.00

HOSE SUPPORTERS.



Nos. 1 4 5 30 40 0 9 50, 60, 70 No. 7.

WARREN HOSE SUPPORTER.

IN WHITE AND BLACK.

No.		Per Dozen. Cotton.	Silk.
0.	Rival Belt	$3 34	Not made.
1.	Gored Belt	2 25	3 9 00
10.	Conforming Belt	3 50	12 50
4.	Children's	92	2 25
5	Misses'	1 34	3 00
20.	Ladies	1 67	4 00
21.	" Double Top	2 50	5 75
30.	Babies'	1 25	2 92
40.	"	88	2 25
7.	Ladies' Shoe Brace	2 75	Not made.
8.	Misses' "	2 50	"
9.	Children's "	2 25	"
50.	Boys' G. & H. S.	4 50	"
60.	Girls' " "	4 50	"
70.	Ladies' " "	5 34	"

Prices per dozen, less 16⅔%.

Imperial Hose Supporter in white and black. Same list as the Warren.

LESS 25 PER CENT.

Skirt Supporting Hooks, 4 in set, 1 dozen sets in box.....per dozen sets, $1 45

LINDSAY'S HOSE SUPPORTERS.

No.		Per Dozen.
F.	Ladies' Belt	$3 00
A.	" " with loop or pin top	2 00
B.	Young ladies', loop or pin top	1 75
C	Misses', loop or pin top	1 50
C.	Babies' " "	1 37½
D.	Children's, loop or pin top, single strap	1 12½
D.	Babies' loop or pin top, single strap	1 00
7.	Ladies' Shoulder Brace	3 75
8.	Misses' " "	3 00
9.	Children's " "	2 75

Nos. 7, A, B, C, C, in black at same prices as white.

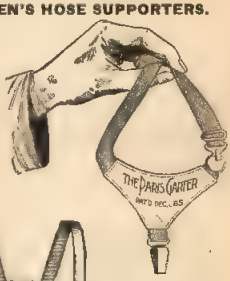
LESS 25 PER CENT.

Ladies' Peerless Skirt Supporters, size 32, 34, 36, 1 dozen in box.....per doz., $1 25

KERN'S HOSE SUPPORTERS.

Perfect Stocking Supporter, children's, ages 2, 4, 6, 8, 10 and 12....per doz., $3 75
Ladies', sizes 32, 34 and 36..... " 4 50

MEN'S HOSE SUPPORTERS.

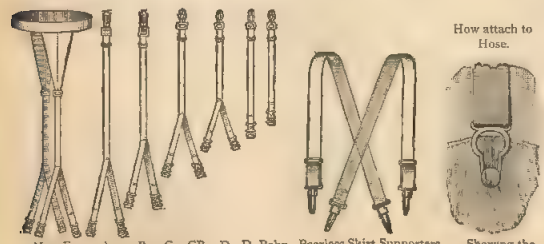


The Paris Hose Supporter, all colors.

No. 140. Cotton, per dozen $1 50
No. 150. Silk, per dozen.... .....$3 50

Men's Boston Garters, cotton, per dozen.....$1 50
Silk, per doz., 3 75

LINDSAY'S BUTTON CLASP HOSE SUPPORTERS.



Nos. F. A. B. C. CB. D D. Baby. Peerless Skirt Supporters. How attach to Hose. Showing the Lindsay Clasp.

They Hold the stocking securely.
They Cannot be unclasped accidentally.
They Cannot tear or wear the stocking.
They Can be attached by the youngest child.

Nos. 7, 8 and 9.

READ THE PREFACE BEFORE ORDERING.

PORCH SUPPORTS.

Fig. No. D3025.

Cut One-third Size of No. 1.

Fig. No. D3026.

Cut One-half size of No. 22.

Porch Supports, Japanned Iron.

	PER DOZEN PAIRS
No. 1,	$3.00

(Pair consists of one each male and female.)

	PER SINGLE DOZEN.
No 22,	$3.00

Packed Loose.

ANCHORS, COMPLETE.

Fig. No. D3027.

Riveted.

Fig. No. D3028.

With Nut.

Anchors, Complete.

	EACH.
For **9 in.** Wall, **Riveted,** with $^{5}/_{16}$ x 1 in. Angle Shank, 8 in. Star,	$0.25
For **13 in.** Wall, **Riveted,** with $^{5}/_{16}$ x $1^{1}/_{8}$ in. Angle Shank, 9 in. Star,	.40

	EACH.
For **9 in.** Wall, **with Nut,** with $^{5}/_{16}$ x 1 in. Angle Shank, 8 in. Star,	$0.35
For **13 in.** Wall, **with Nut,** with $^{5}/_{16}$ x $1^{1}/_{8}$ in. Angle Shank, 9 in. Star,	.45

FOUNDATION GRATES.

Fig. No. D3029.

Foundation Grates, Cast Iron, Japanned.

	PER DOZEN.
6 x 8 in., Weight per dozen, 20 lbs.,	$3.60
6 x 12 in., Weight per dozen, 30 lbs.,	4.80
7 x 14 in., Weight per dozen, 38 lbs.,	7.20
8 x 16 in., Weight per dozen, 50 lbs.,	9.60

These Grates are used for **Ventilation under Houses** having no Cellars. Dimensions given are extreme measurements.

One Dozen in a Crate.

SIMMONS HARDWARE COMPANY

ELBOW CATCHES.

Fig No. D8039.

Elbow Catches.

	PER DOZEN.
No. 63A—1¼ x 1¼ in., **Japanned** Iron,	$0.90
No. 65A—1½ x 1½ in., **Cast Brass,**	2.85

SHOW CASE CATCHES.

Fig No. D8031.

Show Case Catches.

	PER DOZEN.
No. 523—2 x 1⅛ in., **Cast Brass, with Flush Ring,** Polished and Lacquered,	$4.50

Two Dozen in a Box. Without Screws.

CUPBOARD CATCHES.

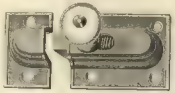
Fig No. D8032.

	PER DOZEN
No. 01A—1⅞ x 1 in., Wrought Brass Plate, **Cast Brass Knob,**	$1.50

Three Dozen in a Box. Without Screws.

Fig No. D8033

Fig No. D8034



	PER DOZEN
No. 1034—1¼ x 2⅛ in., Japanned, **Brass Knob,**	$0.70

	PER DOZEN.
No. 6134—1¼ x 1⅞ in., Japanned, **Porcelain Knob,**	$1.20

Fig No. D8035

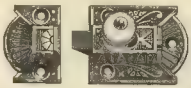


Fig No. D8036

	PER DOZEN.
No. 5623—1⅜ x 1¾ in., **Etruscan Bronzed,** Surface not Ground, **Porcelain Knob,**	$1.00

	PER DOZEN.
No. 2723—1¼ x 1¾ in., **Etruscan Bronzed,** Surface not Ground, **Ornamental Bronze Knob,**	$1.00
No. X2723—1¼ x 1¾ in., **Bronze Plated, No. 3 Finish, Black Background,** Polished Raised Surface, **Ornamental Bronze Knob,**	1.25

Three Dozen in a Box. Packed with Screws.

Cuts Two-thirds Size.

GAME BAGS.

Fig. No. D7396

Fig. No. D7397

Square, Canvas Inside, Net with Fringe at Bottom.

Game Bags.

	PER DOZEN
No. 300—Round, Leather Inside, Leather Flap, Heavy Net, Fringed, . . .	$48.00
No. 200—**Large Size,** Leather Flap, .	$27 00
No. 100 **Medium Size,** Net Flap, . .	18.00

CARTRIDGE BAGS.

Fig. No. D7398

Fig. No. D7399

Bedell's Cartridge Bags and Game Holders.

	PER DOZEN.
No. 478 **Bedell's** Cartridge Bags and Game Holders, Fair Leather Belt, **with Extra Broad** Strap to go over the Shoulder, Canvas Pockets,	$43.20

Cartridge Bags, Royal Mfg. Co.

Extra Heavy, Waterproof Canvas, Flannel Lined.

	PER DOZEN.
No. C50 **Holds 50 Rounds,** . . .	$6.00
No. C75 " **75** " . . .	6.50
No. C100— " **100** " . . .	7 20

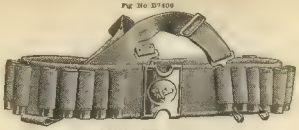
Fine Russet Leather.

No. L50 -**Holds 50 Rounds,** . . .	18.00
No. L75 - " **75** "	20.00
No. L100— " **100** " .	24.00

SIMMONS HARDWARE COMPANY

SHELL BELTS.

Fig. No. D7406



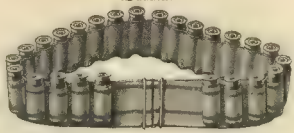
Mills Woven.

Width of Belt 3 in., Length of Loop 2½ in.

	PER DOZEN.
No. 1—10 Gauge,	$20 00
No. 2—12 " .	20.00

One in a Box.

Fig. No. D7407



Hunters' Woven.

Width of Belt 2¼ in., Length of Loop 2 in.

	PER DOZEN.
No. 3H—10 Gauge,	$15 00
No. 4H—12 " .	15.00

Loops closed at Bottom, protecting the Crimped End of Shell.

One in a Box.

Fig. No. D7408

Royal Mfg. Co.'s.

Fair Leather Loops, with Shoulder, to prevent Cartridges from falling through, with Strap to go over Shoulder.

	PER DOZEN.
No. 88—10 Gauge, Lined and Well Stitched,	$9.00
No. 89—12 " " " "	9.00
No. 90—10 " Unlined,	6.00
No. 91—12 " " .	6.00
No. 92—16 " " .	6.00

Packed Loose.

Fig. No. D7409

Nelson's Patent Lateral Action.

	PER DOZEN.
No. 01—Fair Leather, Nickel Plated, Square, Bar Buckles, for 10 to 16 Gauge Shells,	$21.00

One-half Dozen in a Box.

The Shell Belts, with Shoulder Straps, should be worn under the Hunting Coat, buckled loosely behind, thus giving free action to the shoulders in handling the gun. The weight is evenly distributed and causes no inconvenience to the hunter. The Shells are carried wads up, handy to get at, so that quick changes can be made. The Cartridge Holders or Clasps are of the finest Crucible Spring Steel, tempered after they are formed, and carry 10 to 16 Gauge Brass or Paper Shells, crimped or not, with perfect safety

Fig. No. D7410

Canvas, Webb Loop

	PER DOZEN
No. 93—10 Gauge,	$3.50
No. 94—12 " .	3 50

Packed Loose.

AMMUNITION CASES.

Royal Mfg. Co.

Fig No D7400

Ammunition Cases.

Shot Gun, Solid Leather, Tin Lined, with Lock

		EACH.
No. 189	**Holds 100 Rounds,**	$4.50
No. 190—	**" 200 "**	5.50
No. 191	**" 300 "**	6 50

Especially adapted for Boat and Blind Shooting.

Fig. No. D7401

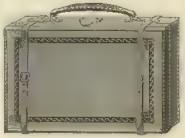
Ammunition Cases.

Shot Gun, Lock Handle and Straps, Divisions for Separate Shells.

EACH.

No. 192—Covered with Heavy Waterproof Canvas, **Holds 300 Rounds,** . . . $5.50

Fig. No D7402



Ammunition Cases.

Shot Gun, Solid Leather, Divisions for Separate Shells, Covered with Heavy Sole Leather.

		EACH.
No. 193	**Holds 100 Rounds,**	$4.50
No. 194—	**" 200 "**	6.00

SCABBARDS.

Fig No D7403

Knife Scabbards.

PER DOZEN.

No. 1 -Fair Leather, Embossed, for **7 in.** Knife, $4.00

Any length can be furnished if desired, at an extra cost.

Fig No D7404.

Rifle and Carbine Saddle Scabbards.

Fair Leather, Embossed, with Slings for Fastening to Saddle.

PER DOZEN.

No. 0 Rifle, 36 in., Fits 26, 28, 30 and 32 in. Rifles, $21.00

No. 1— " 32 " " 20, 22, 24 " 26 " " 19.00

No. 2—Carbine, 28 in., Fits 20 in. Carbines, . 17.00

CARRYALL BAGS.

Fig No D7405

PER DOZEN.

No. 195—10 oz. Duck, Leather Bound, Leather Handles and Buckled Flap, Length 27 in., Width 20 in., Thickness at Bottom 6½ in., . . . $24.00

QUADRUPLE SILVER PLATED WARE.

SPORTING PRIZES.

Illustrations are one-third size unless otherwise specified.

By one-third size we mean the article is three times as high and three times as wide as illustration.

No. 4900. Regatta. Old Silver Finish.....Each $132.00

Ornamented to suit any sport desired at same price.

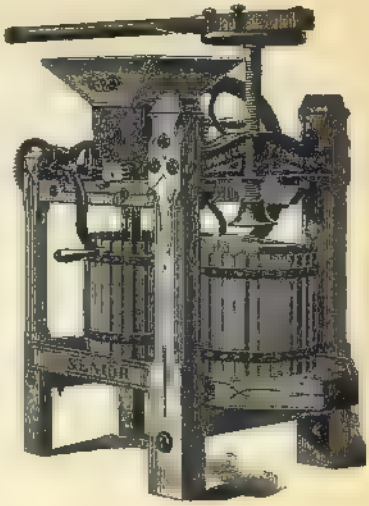
Cider Mills.

IMPROVED FAVORITE

These Mills have hardwood frames, solidly bolted together, handsomely finished and striped, heavy cast iron beams and wrought iron screws, capable of standing the most severe pressure applied by the lever. They have larger Crushing Rollers and Crates than any other Mill. The Crates, of which there are two with each Mill, are put together with Rivets.

The Throat is adjustable, so that all sizes of fruit may be used. The Grinding Rollers are also easily adjusted, and as the faces of the Rollers are ground true to their centers, they are capable of very close adjustment, rendering it impossible for any of the pulp to pass through without being thoroughly crushed. One of the Rollers has serrated ribs, which, working against the straight ribs of the other, gives a shearing cut, requiring less power. The Junior and Medium Mills have one Crank each, and the Senior Mills have two cranks each

Fig 4606.



Price List.

	Size,	Junior.	Medium.	Senior
	Each,	$19 00	27 00	39 00
Inside Diameter of Crates,	Inches,	10½	12½	14½
" Depth "	"	10½	18	14
Extreme Height of Mill,	"	46½	48	50
Diameter of Screw,	"	1½	1½	1 11/16
Weight,	Pounds,	175	315	385

Lawn Rollers.

HOBSON'S.

Fig. 4607

COPYRIGHT 1898

These Rollers are made from new patterns, and are always made with counterpoise weight on the shaft, which holds the handle up when not in use.

The weights following are actual.

Price List.

No.	Each.	Number of Sections.	Width of each Section, Inches.	Diameter of Section, Inches.	Total Width of Roller, Inches.	Weight, Pounds.
29	$ 7 50	2	7½	15	15	120
30	12 00	1	20	20	20	190
31	13 50	2	9	18	18	260
32	18 00	2	12	20	24	285
33	23 00	2	12	24	24	370
34	30 00	2	12	28	24	480
35	40 00	2	14	30	28	600
36	35 00	5	9	18	45	500
40	13 50	1	12	24	12	216

No. 36 is a Lawn Tennis Roller, and has a long Handle.

Lawn Mowers.

BINGHAM.

Fig. 4608.

Width of Cut,	Inches,	10	12	14	16	18
Weight,	Pounds,	30	32	34	36	38
	Each,	$13 00	15 00	17 00	19 00	21 00

RED CLOUD.

Fig. 4609.

Width of Cut,	Inches,	10	12	14	16	18
Weight,	Pounds,	30	32	34	36	38
	Each,	$13 00	15 00	17 00	19 00	21 00

India Ink.

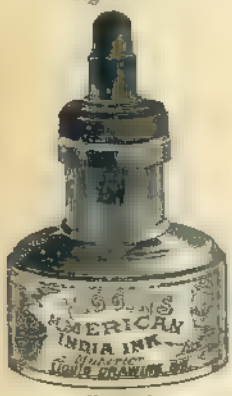
Fig. 1064. Fig. 1065. Fig. 1066. Fig. 1067 Fig. 1068. Fig. 1069

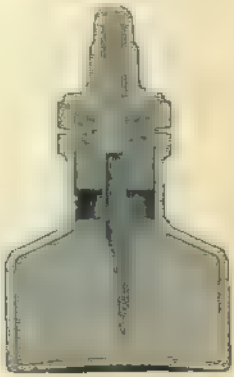
No. 900. No. 901. No. 902. No. 903 No. 904 No. 905.

No. 900,	India Ink, Stick, Four sided Black, Gilt 2 inches long,	each, $0 20
901,	" " Round, Lion's Head, Gilt, 2½ inches long,	" 25
902	" " " " 4 inches long,	" 75
903	" " Oval " 9 "	" 40
904,	" very Superior, Sticks, 3¾x¾x¾ inches,	" 1 60
904½,	" same quality as No. 904, Sticks, 3¾x¾x¾ inches,	" 75
905,	" Winsor & Newton's Best Sticks, Square, 3½ inches long,	" 2 00
905A,	Pearl, very Fine,	per cake, 3 00
905¾A,	Japanese India Ink, Oblong, 3¾x¾ inches,	" 1 00

Liquid Inks, in Glass Bottles.

Fig. 1070. Fig. 1071. Fig. 1072.





Higgins' Winsor & Newton's. Sectional Cut of Higgins' Bottle.

No. 865.	Higgins India Ink, Black, for general purposes, ½ oz. Bottles,	each, $0 25
866	" " " Waterproof when dry, ½ "	" 25
867,	" Ink, Green, " " ½ "	" 25
868,	" " Carmine, " " ½ "	" 35
870,	Winsor & Newton's Liquid India Ink,	" 35
873,	" " Chinese White,	" 50

JAPANESE SCREENS.

No. 40624. Black and red cloth Screen, richly embroidered in gold, fancy cloth border and back, 4 fold, each fold 16 inches wide and 54 inches long, each $3 50

No. 40625. Panel Screen, black and red silk, embroidered in gold, fancy cloth, border and back, 4 fold, each fold 16 inches wide and 54 inches long, each 5 00

In addition to goods enumerated we carry a line of the finest quality of Japanese Screens up to $20.00 each.

No. 40626. Black and red cloth Screen, richly embroidered in gold, fancy cloth border and back, 4 fold, each fold 22 inches wide and 67 inches long. ..... each, $5 00

No. 40620. Fire Screen, cloth front, finely painted, fancy cloth back, solid bamboo frame, 20x36 each, $0 85

No. 40621 Fire Screen, black velvet embroidered in gold, cloth back, solid bamboo frame, 22x36 each, $1 50

No. 40622. Double Fire Screen, black velvet embroidered in gold and silk, cloth back, solid bamboo frame of fancy shape, size of each panel 22x36, each $3 00

Razors.

JOS RODGERS & SONS

[illegible] Cases.

Fig [illegible]

No 100	Contains two No	28[illegible]I	Ivory Handle Razors,	per case,	$4 50
110	"	28[illegible]R	Black Rubber Handle Razors,	"	3 35
120	"	2304§	" " "	"	3 25

Fig [illegible]

No 200,	Contains seven No	28[illegible]I	Ivory Handle Razors, one for each day,	per case,	$14 00
210,		28[illegible]R	Black Rubber Handle Razors, one for each day,	"	11 00
220,	"	2304§	" " "	"	10 50

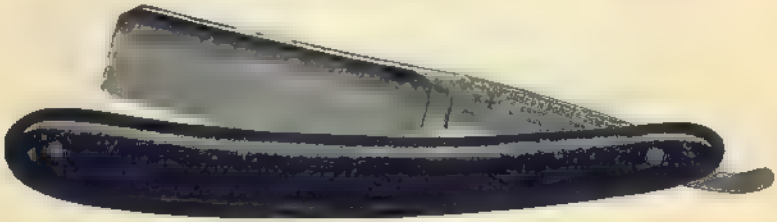
Razors.

JOS. RODGERS & SONS'

Fig 5317.

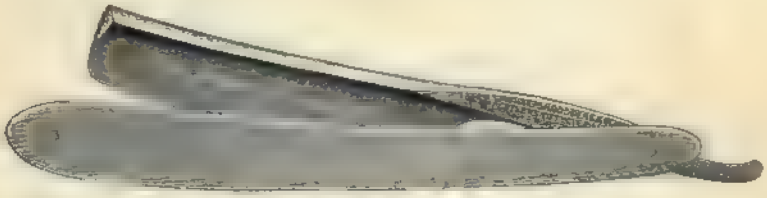
No. 3022, ⅞ inch Hollow Ground, Hollow Point, White Bone Handle, Fine Tang, - per dozen, $9 10

Fig 5318.



No. 2992RP, ⅞ inch, Full Hollow Ground, Round Point, Black Rubber Handle, per dozen, $14 25
2991SP, ⅞ " " " Square " " " - " 14 25

Fig 5319



No. 2806L, ⅞ inch, Hollow Ground, Round Point, Fine Ivory Handle, - per dozen, $20 0
2806R, ⅞ " " " " " Black Rubber Handle, - - " 14 90

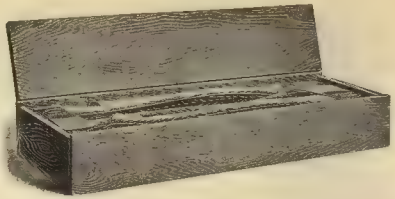
Fig. 5320

No. 2304½, ⅞ inch, Full Hollow Ground, Square Point, Black Rubber Handle, per dozen, $15 00
2304½, ⅞ " " " " " " " - - " 15 25

All Razors on this page, One-half Dozen in a Box.

MEN'S HANDLED AXES.

Fig No 1290



Men's Handled.

Handled with the Grellner Patent Everlasting Lock Axe Wedge, which positively prevents the Axe from ever working loose or flying off the Handle.

Axes, single and double bitted, such kinds and sizes as are in our Catalogue, handled to order and packed one dozen in a wooden case, as shown in cut. An additional charge will be made for handling with any of the below grades of 36 inch handles, as may be selected.

Machine Shaved and Turned Handles, Plain Head, 36 in.

	PER DOZEN.
No. A—With XXX Octagon Shaved,	$
No. B With XX Octagon Shaved,	$
No. C—With Extra Quality Oval Turned,	$
No. D—With Excelsior Oval Turned,	$
No. E—With No. 1 Quality Oval Turned,	$
No. F—With No. 2 Quality Oval Turned,	$

Hand Made and Hand Shaved Handles, Plain Head, 36 in.

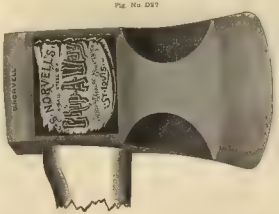
	PER DOZEN.
No. G—With Nonparell Octagon Hand Made,	$
No. H—With Colorado Octagon Hand Made,	$
No. I—With Wyoming Oval Hand Made,	$
No. K With Cumberland No. CXXX Octagon Hand Shaved,	$
No. L—With Cumberland No. CAA Oval Hand Shaved,	$
No. M—With Cumberland No. CI Oval Hand Shaved,	$

When ordering Handled Axes, be particular to name brand, style and weights of Axes wanted, and state handle desired, A, B, C, &c., as case may be, being careful to select only such kinds and sizes of Axes as are in our Catalogue, viz. 1 dozen Keen Kutter Bronzed Yankee Plain Axes, 3½ to 4½, handled with No. E Handles.

In Wood Cases, Complete, of One Dozen Each.

FREIGHTERS' HANDLED AXES.

Fig No 1297



Yankee, Hollow Bevel, Painted Blue and Labeled, Polished Head and Bit.

Chip-A-Way.

Made of Special Soft Steel, with Best Quality, Full Weight Crucible Steel Bit, Overlaid. PER DOZEN.

No. 87—Chip-A-Way, Yankee, Hollow Bevel, with No. 1 Quality, 32 in Handle, Weight, without Handle, 3 lbs., ... $

One Dozen in a Box.

BOYS' HANDLED AXES.

Fig. No. D29

Keen Kutter.

Fig. No. D29

Chip-A-Way and Ohio Falls.

Yankee, Bronzed, Polished Head and Bit.

Keen Kutter.

Made of Special Soft Steel, with Extra Quality, Extra Full Weight Crucible Cast Steel Bit, Underlaid. PER DOZEN.

No. 91—Keen Kutter, Yankee, Bronzed, with Extra Quality 28 in. Handle; Weight, without Handle, 2¼ lbs , $

Chip-A-Way.

Made of Special Soft Steel, with Best Quality, Full Weight Crucible Cast Steel Bit, Underlaid. PER DOZEN

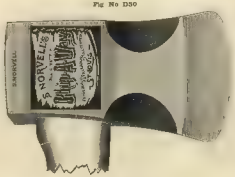
No. 2—Chip-A-Way, Yankee, Bronzed, with No. 1 Quality 28 in. Handle; Weight, without Handle, 2¼ lbs., $

Ohio Falls.

Refined Cast, Cast Steel and Tempered, Polished Head and Bit. PER DOZEN.

No. 1—Ohio Falls, Yankee, Bronzed, with No. 1, 26 in. Handle; Weight, without Handle, 2¼ lbs., . $

Fig No D30



Chip-A-Way.

Hollow Bevel, Painted Blue and Labeled, Polished Poll and Bit.

Made of Special Soft Steel, with Best Quality, Full Weight Crucible Cast Steel Bit, Overlaid. PER DOZEN.

No. 23=Chip-A-Way, Yankee, Hollow Bevel, with No. 1 Quality, 28 in. Handle; Weight, without Handle, 2¼ lbs., ... $

Kelly's Falls City (Second Quality), Perfect Pattern.

PER DOZEN.

No. 89—Kelly's (Falls City), Yankee, with No. 1, 28 in. Handle; Weight, without Handle, 2¼ lbs., . $

One Dozen in a Box.

DEPARTMENT No. 1.

Tools and Farming Implements.

SIMMONS HARDWARE COMPANY,

SAINT LOUIS.

AXES.

TRADE MARK: "KEEN KUTTER." REGISTERED.

Fig No. D1

Sectional Cut showing two-thirds size Yankee Head.

Fig No. D2

Fig No. D3

Sectional Cut showing two-thirds size Dayton Head.

Yankee, Plain, Bronzed, Polished Head and Bit.

Keen Kutter.

Made of Special Soft Steel, with Extra Quality, Extra Full Weight Crucible Cast Steel Bit, Underlaid.

		PER DOZEN.
Keen Kutter=Yankee, Plain, Bronzed.	Weights in a Box, 3½, 4, 4½, Assorted 3 to 4, 3½ to 4 ½, 4 to 5, 4½ to 5½, 4½ to 6 lbs., ...	$
	Assorted 6 to 6½ lbs., ...	$
Keen Kutter=Dayton, Plain, Bronzed.	Weights in a Box, Assorted 3½ to 4½, 4 to 5, 4½ to 5½ lbs., .	$

Hunt's.

		PER DOZEN.
Hunt's Yankee, Plain, Black.	Weights in a Box, Assorted 3 to 4, 3½ to 4½, 4 to 5 lbs., ...	$
Hunt's—Dayton, Plain, Black.	Weights in a Box, Assorted 3 to 4, 3½ to 4½, 4 to 5, 4½ to 5½ lbs., .	$

Lippincott's.

		PER DOZEN.
Lippincott's Dayton, Plain, Bronzed.	Weights in a Box, 3½, 4, 4½, Assorted 3 to 4, 3½ to 4½, 4 to 5, 4½ to 5½ lbs.,	$

Wm. Mann's "Red Warrior."

		PER DOZEN.
"Red Warrior"—Dayton, Plain, Bronzed.	Weights in a Box, Assorted 3½ to 4½, 4 to 5, 4½ to 5½ lbs.,	$

Fig No. D4

Yankee, Beveled, Bronzed, Polished Head and Bit

Keen Kutter.

Made of Special Soft Steel, with Extra Quality, Extra Full Weight Crucible Cast Steel Bit, Underlaid.

		PER DOZEN.
Keen Kutter Yankee, Beveled, Bronzed.	Weights in a Box, 3½, 4, 4½, Assorted 3½ to 4½, 4 to 5, 4½ to 5½ lbs., ...	$
Keen Kutter Dayton, Beveled, Bronzed.	Weights in a Box, Assorted 3½ to 4½, 4 to 5, 4½ to 5½ lbs ,	$

Hunt's.

		PER DOZEN
Hunt's—Dayton, Beveled, Black.	Weights in a Box, Assorted 3½ to 4½, 4 to 5, 4½ to 5½ lbs., . .	$

Lippincott's.

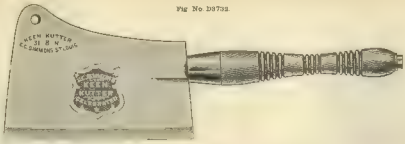
		PER DOZEN.
Lippincott's—Dayton, Beveled, Bronzed.	Weights in a Box, Assorted 3½ to 4½, 4 to 5 lbs., . .	$

One Dozen in a Box.

Weight of each Axe Stamped on the Poll.

CLEAVERS AND CHOPPERS.

Fig. No. D9732.



Keen Kutter Butchers' Cleavers

Keen Kutter Butchers' Cleavers, Ridged Blade, Fancy Etched; **Bolted Tang,** Selected and Polished Second Growth **White Hickory Handles,** . . .

Nos.,	30	31	32	33	34	35
Cut, inches,	7	8	9	10	11	12
Weight per dozen, lbs.,	38	45	55	62	85	90
Per dozen,	$15.00	17.50	20.00	22.50	25.00	28.00

One-half Dozen in a Wood Box.

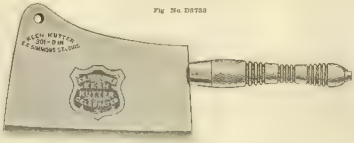
Beatty's Butchers' Cleavers.

Beatty's Butchers' Cleavers, Varnished Hickory Handles, .

Nos.,	0	1	2	3	4	5
Cut, inches,	7	8	9	10	11	12
Weight per dozen, lbs.,	28	33	45	51	60	69
Per dozen,	$14.00	16.50	19.00	21.50	24.00	27.00

One-quarter Dozen in a Package.

Fig. No. D9733.



Keen Kutter Butchers' Choppers.

Keen Kutter Butchers' Choppers, Fancy Etched Blade, **Bolted Tang,** Selected and Polished Second Growth **White Hickory Handles,** . . . . .

Nos.,	300	301	302
Cut, inches,	7	8	9
Weight per dozen, lbs.,	31	36	43
Per dozen,	$12.50	14.50	16.00

One-half Dozen in a Wood Box.

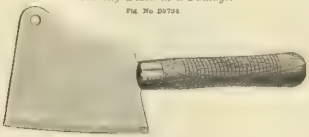
Beatty's Butchers' Choppers.

Beatty's Butchers' Choppers, Varnished Hickory Handles, ...

Nos.,	00	0	1	2
Cut, inches,	7	8	9	10
Weight per dozen, lbs.,	18	24	27	33
Per dozen,	$11.50	13.50	15.00	16.50

One-half Dozen in a Package.

Fig. No. D9734.



Family Cleavers.

PER DOZEN.

No. 3—Family Cleavers, 6 in. Cut, Maple Handle, Varnished, Weight per dozen, 15 lbs., . . . $9.50

One-quarter Dozen in a Package.

SHOW CASES.

Fig. No. D6622

	EACH.
S. H. Co. Shear and Scissor Show Case Oak, with Brass Revolving Display Frame, Height 31 in., Width 13 in., Depth 13 in. Frame will Display 24 Pairs Shears and 48 Pairs Scissors.	$11 25

CAST STEEL SHEARS.

Fig. No. D6623

No. 1

Straight Trimmers.

No. 1=Keen Kutter, Full Nickel Plated,	Inches,	6	6½	7	7½	8	8½	9	10
	Per dozen,	$12.00	13.00	14.00	15.00	16.00	17.00	19.00	25.00
No. 1=Keen Kutter, Full Nickel Plated, **Left Hand,**	Inches,						7½		8½
	Per dozen,						$19 00		21 00
No. 3=Keen Kutter, Japanned Bows, Nickel Plated Blades, . . .	Inches,	6	6½	7	7½	8	8½	9	10
	Per dozen,	$12.00	13.00	14.00	15.00	16.00	17 00	19 00	25.00

Fig. No. D6624

U. S. Patent No. 226128 Screw and Nut.

All of our celebrated **Keen Kutter** Shears are fitted with this patent Screw and Nut. It is pronounced by all the leading and reputable Shear Manufacturers to be the only practical Screw and Nut attachment invented.

One-half Dozen in a Box.

CAST STEEL SHEARS.

Fig No D6820.

No. 2

Bent Trimmers.

No. 2=**Keen Kutter,** Full Nickel Plated, . .	Inches,	6	6½	7	7½	8	8½	9	10	12	13	14
	Per dozen,	$13 00	14.00	15.00	16 00	17.00	20 00	22.00	27 00	33 00	36 00	56 00
No. 4 Keen Kutter, Japanned Bows, Nickel Plated Blades, . . .	Inches,	6	6½	7	7½	8	8½	9	10			
	Per dozen,	$13.00	14.00	15.00	16 00	17 00	20 00	22.00	27 00			

Fig No D6830.

Eureka Straight Trimmers.

Eureka, Full Nickel Plated, . .	Inches,	6	6½	7	7½	8	8½	9	10
	Per dozen,	$12.00	13.00	14 00	15.00	16.00	17.00	19.00	25.00
Eureka, Japanned Bows, Nickel Plated Blades, ...	Inches,	6	6½	7	7½	8	8½	9	10
	Per dozen,	$12.00	13.00	14.00	15.00	16.00	17 00	19 00	25.00

Eureka Bent Trimmers.

Eureka, Full Nickel Plated, . .	Inches,	6	6½	7	7½	8	8½	9	10
	Per dozen,	$13.00	14.00	15.00	16.00	17.00	20 00	22 00	27 00
Eureka, Japanned Bows, Nickel Plated Blades, ...	Inches,	6	6½	7	7½	8	8½	9	10
	Per dozen,	$13.00	14.00	15.00	16 00	17 00	20.00	22 00	27 00

Fig No D6837

Royal Straight Trimmers.

Royal=Full Nickel Plated, ...	Inches,	6	7	8	9	10
	Per dozen,	$12.00	14 00	16.00	19 00	25 00
Seymour's Maroon Bows, Nickel Plated Blades, ...	Inches,	6	7	8	9	10
	Per dozen,	$12 00	14.00	16.00	19 00	25 00
No. 5343=Full Nickel Plated, Bent Trimmers,	Inches,	6	7	8	9	10
	Per dozen,	$13.00	15.00	17.00	22 00	27 00

Royal, Seymour's and No. 5343 are Fitted with Brass Bolt and Nut.

One-half Dozen in a Box.

SIMMONS HARDWARE CO. COMPANY

LePAGE'S LIQUID GLUE.

For Wood, Leather, Glass, Iron, Stone, Paper and Cloth.

Fig. No. D1080.

In Bottles, for Family Use, **with Brush.**

	PER DOZEN.
1½ Oz.,	$1.00
3 Oz.,	1.50

One Dozen Bottles in a Box. Twelve Dozen in a Case.

Fig. No. D1081.

In Tin Cans, with Brush Attached to Cover.

	PER DOZEN.
½ Gill,	$1 50
1 Gill,	2.00

One Dozen in a Box. Three Dozen in a Case.

Fig. No. D1088.

In Tin Cans, for Mechanics' Use.

	PER DOZEN.
½ Pint,	$ 3.00
1 Pint,	5.00
1 Quart,	8.50
½ Gallon,	13.50
1 Gallon,	24 00
5 Gallon,	115 00

½ Pints, Two Dozen; Pints and Quarts, One Dozen; ½ and 1 Gallon, Half Dozen; 5 Gallons, One-twelfth Dozen in a Case.

Fig. No. D1085

DISPLAY STAND IN CASE.

Assorted Case.

PER CASE.

Assorted Case—Contents: 2 Dozen 1½ oz. Bottles for Family Use; 1 Dozen ½ Gill Cans, with Patent Adjustable Brushes; 1 Display Stand and Advertising Cards, . . . $3.50

LePAGE'S MUCILAGE.

Fig. No. D1084.

PER DOZEN.

LePage's Gold Medal Mucilage, 2 oz. Cone Bottles, with Cap and Brush, . . $1.20

One Dozen in a Case.

HIDE AND BONE GLUE.

	PER POUND.
Common,	$
Carpenters',	$
Cabinet,	$
White Kalsomine,	$

Glue.

PETER COOPER & CO.'S.

Nos.	1 Extra.	1	1X	1½	1¾	1½	1¾	1¾	2
Per Pound,	$0 22	0 18	0 16	0 15	0 14	0 13	0 11	0 10	0 08

About 110 Pounds in a Barrel.

THE LE PAGE LIQUID.

Fig. 1771

Assorted

Fig. 1770

Glass Bottle.

Fig. 1772

Tin Can.

In Glass Bottles

Small size, for Family use, in Glass Bottles, with Brush and Tin Cap, - - - per dozen, $1 00

In Tin Cans, with Patent Covers.

Contents of Can,	½ Gill.	1 Gill.	½ Pint.	1 Pint.	1 Quart.	½ Gallon.
Per Dozen,	$1 50	2 00	3 00	5 00	8 50	13 50

In Assorted Cases

Assortment No. 1, Contains 2 dozen small Bottles and 1 dozen half-gill Cans, Complete with Wire Display Stand, - - - - - - - - each, $3 50

Assortment No. 2, Contains 1 dozen half gill Cans, 1 dozen gill Cans and ½ dozen half pint Cans, Complete with Wire Display Stand, - - - - - - - 5 00

Fig. 1773.

CLEAN AND READY LIQUID.

In Glass Bottles, each containing about 1 gill, - - per dozen, $3 00

Each Bottle is fitted with the "C. & B." Patent Self-Cleaning Brush, by means of which all waste is avoided. By pressing Rubber Bulb and inserting in the Glue, the tube fills, and by then pressing the Bulb, the Glue is fed to the Brush as rapidly as may be desired.

With each dozen Bottles is included a Wire Display Stand.

Fig. 1774.

Sectional view of Bottle.

LADIES' MACKINTOSH COATS.

Royal Mfg. Co.

Inverness Pattern. Warranted.

Fig No. D7987.

Cut shows Nos. 650, 700 and 800.

Fig No. D7988.

Cut shows Nos. 640, 805 and 810.

EACH.

No. 650—Ladies', Single Texture, 25 in. Single Military Cape, Square Ends, Printed Serge, **Black Color with Narrow Blue Stripe,** Black Horn Buttons, One Pocket, Welt Seams, Waist Bands and Tape Ties, Strong Worked Button Holes. **Sizes, 52, 54, 56, 58, 60 and 62 in.,** $ 3.60

No. 700—Ladies', Double Texture, 26 in. Single Military Cape, Square Ends, Fine Whip Cord Serge, Double Stitched, Welt Seams, Black Horn Buttons, **Blue and Black Color Outside, Plaid Inside,** Two Pockets with Flaps, Waist Band and Tape Ties, Strong Worked Button Holes. **Sizes, 52, 54, 56, 58, 60 and 62 in.,** . . 7.50

No. 800—Ladies', Single Texture, 26 in. Military Cape, Square Ends, Silk Scotch Plaid Lined, all Wool Tricot, Double Stitched, Welt Seams, One Pocket with Flap, **Blue and Black Color,** Horn Buttons, Waist Band with Tape Ties. **Sizes, 52, 54, 56, 58, 60 and 62 in.,** 13.00

EACH.

No. 640—Misses', Single Texture, Double Cape, Printed Serge, **Black with Narrow Red Stripe,** Welt Seams, One Outside Pocket, Rolling Collar, Black Horn Buttons, Strong Worked Button Holes, Waist Band with Tape Ties. **Sizes, 36, 40, 44, 48 and 52 in.,** . . . . $ 4.00

No. 805—Ladies', Double Texture, 27 in. Detachable Double Military Cape, Square Ends, all Wool Cashmere Outside, Gray Plaid Inside, Two Pockets with Flaps, Silk Worked Button Holes, **Black Color,** Waist Band with Tape Ties, Fancy Horn Buttons. **Sizes, 52, 54, 56, 58, 60 and 62 in.,** 13 00

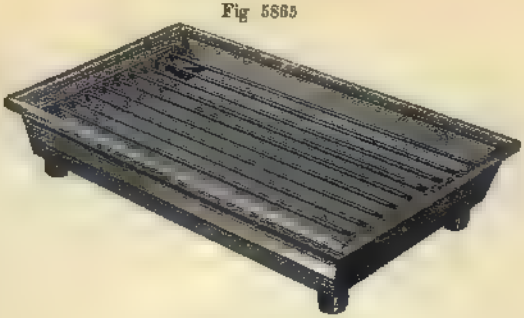
No. 810—Ladies', Double Texture, Detachable 30 in. Double Military Cape, Square Ends, all Wool Cashmere Outside and Inside, Two Pockets with Flaps, Silk Worked Button Holes, Fine Quality Horn Buttons, Silk Stitched, **Blue Color** Outside and Inside, Waist Band with Tape Ties. **A Strictly High Grade and Popular Garment. Sizes, 52, 54, 56, 58, 60 and 62 in.,** 16.00

One Coat in a Box.

For Instructions as to Special Measurements, see Page 1535. All Genuine Coats Bear the Royal Label, see Page 1535.

Tumbler Drainers.

Fig 5865



Japanned, Assorted Colors.

No. 1, 8x12 inches,	per dozen,	$13 75	No. 3, 11x17 inches,	per dozen,	$27 50
2, 10x14 "	"	20 00	4, 14x20 "	"	32 50

Candlesticks.

Fig 5866.

Nos. 1, 2 and D1.

Fig 5867

No. 01.

Fig. 5868.

No. 5.

No. 01, 6½ inches, Japanned,	per dozen,	$ 4 50	No. D1, 5½ inches, Planished,	per gross,	$22 75
1, 5½ " "	per gross,	16 25	J1, 5½ " " no Handle,	"	26 25
2, 5 " "	"	15 00	5, 5 " Brass,	per dozen,	7 50

Miners' Candlesticks.

LAKE SUPERIOR PATTERN

Fig. 5869.

No. 10, Hand-Forged Steel, - - - - - - - - per dozen, $6 00

SAWS.

Fig. No. D941.

Scroll Bracket Saws, with Designs.

PER DOZEN.

No. 2—Scroll Bracket Saws, Nickel Plated Frame, Rosewood Handle, 6 Saw Blades, with 50 full sized designs, . . . $15.00

One Set in a Box.

Fig. No. D942

Jewelers' Scroll Saws.

PER DOZEN.

Spring Steel Frame, **without Blades,** Rosewood Handle, Nickel Plated. Will hold a Saw from 1 to 6 inches, ... $9.00

One in a Box.

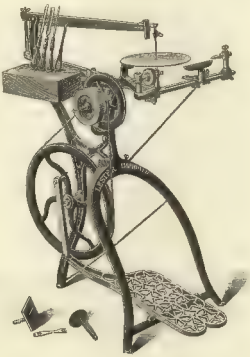
Fig. No. D943

Rogers', Scroll.

EACH.

No. 1 Rogers', Japanned, Iron Frame, Tilting Table, . . . $3.50

Fig. No. D944



Lester's.

EACH.

Lester's, Improved, with Nickel Plated Table, Saw Guide and **Lathe Attachment;** Swing Arm, 17 in., saws wood ¼ in. thick; Lathe, 9 in. between Centers, 1½ in. swing, will take wood 3 in. diameter. Each machine has 1 Emery Wheel, 1 Small Circular Saw, 1 dozen Scroll Saw Blades, 3 Sheets of Patterns, 2 Turning Chisels, 1 Turning Gouge, 1 Screw Driver and 6 Drills, ... $10.00

For Scroll Saw Blades, see page 178.

Boxed Ready for Shipment, Weight, Rogers' No. 1, 36 lbs.; Lester's, 83 lbs.

CHURNS.

Fig. No. D4908

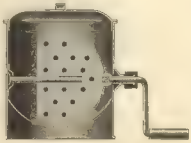
Oval.

Oval	Gallons,	**4**	**6**	**8**	**10**	**12**
	Weight each, lbs.,	15	17	20	22	25
	Each,	$3.75	4 00	4 25	4 50	5 00

Have no gearing, and are consequently noiseless. Irons are galvanized and cannot rust.

Fig. No. D4907

Fig. No. D4906



Lynott's Triumph Churns.

	EACH
No. 50 - 5 Gallons, to Churn 1 to 4 Gallons,	$4 50
No. 70 - 7 Gallons, to Churn 1 to 5 Gallons,	5.50

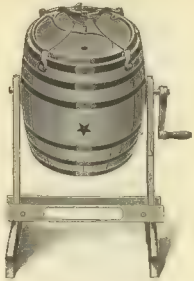
The Body of the Churn is made of Tin; Wood Dashers easily removed by unscrewing Crank, Dashers are secured by Brass Lock-Nut on Crank Axle. The best results are obtained by filling half or two-thirds full. Set the Churn in tepid water to get the temperature from 65 to 70 degrees.

Packed One in a Crate.

SIMMONS HARDWARE COMPANY

BARREL CHURNS.

Fig. No. D6205



"Star" Barrel Churn.

"Star", Ball Barrel, Cam Fastening on Base and Cover (impossible to Lose), Easily Cleaned, **White Oak,** Seasoned and Kiln Dried; **Galvanized Iron Rim** in Head; **Castings Attached to Outside** of the Churn.
The Stand is Bundled in Shipping.

Nos.,	**0**	**1**	**2**	**3**	**4**	**5**
Capacity, gallons,	6	10	15	20	25	35
Weight, lbs.,	30	38	46	50	65	75
Churns Gallons Cream,	1 to 3	1 to 5	1 to 7	2 to 9	2 to 12	3 to 16
EACH,	$8.00	9.00	9.00	10.00	12.00	16.00
						PER SET.
Extra Cork, for Packing Covers **Nos. 0, 1 and 2,**						$0.30

The following we do not keep regularly in Stock, but can furnish from the factory on Special Orders only.

	Nos.,	**6**	**7**	**8**	9
"Star" Churns, Large Sizes, without Frames. **Adapted for Power,**	Capacity, gallons,	50	60	80	[illegible]
	Weight, lbs.,	100	115	120	[illegible]
	Churns Gallons Cream,	5 to 25	6 to 30	7 to 35	[illegible]
	EACH,	$23.00	26.00	31.00	[illegible]

Larger Sizes made to Order. Frames over No. 5 extra, $2.00.

Pulleys to Run with Power,	**Single,** inches,	**12**	**14**	**18**
	EACH,	$1.25	1.50	3.00
	Double, inches,	**12**	**14**	**18**
	EACH,	$2.00	2.50	5.00

Coupling, for Dog Power,	[illegible]
12 in. Pulley Shaft,	[illegible]
14 in. Pulley Shaft,	[illegible]
18 in. Pulley Shaft,	1.25

Covers Complete.

	EACH.
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]

Iron Heads.

	EACH.
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]

Rims.

	EACH.
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]

Trunions.

	EACH.
Small	[illegible]
Medium	.30
Large	.50

Pulley Shafts.

	EACH.
12 inch	80.75
[illegible]	[illegible]

Cranks.

	EACH.
Small, Regular	[illegible]
Large	[illegible]

Coupling.

	EACH.
Coupling, for Dog Power	[illegible]

Cover Slides.

	EACH.
For Covers Nos. 0, 1 and 2	[illegible]
For Covers Nos. 3 and 4	[illegible]

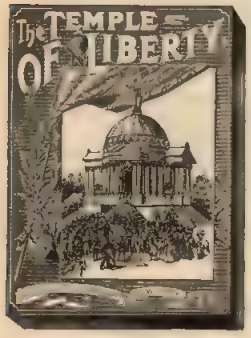
Frames.

	EACH.
Nos. 0, 1, 2 and 3	[illegible]
Nos. 4 and 5	[illegible]

Cam and Bail.

	EACH.
Top Cam Fastening	[illegible]
Bail Ears	[illegible]

GAMES.



No. 495. Temple of Liberty, 15x17. This is a philosophical historical game, embracing the progress of the idea that the race has advanced or "progressed" from slavery to personal liberty since the time of King John of England.....per doz., $6 75

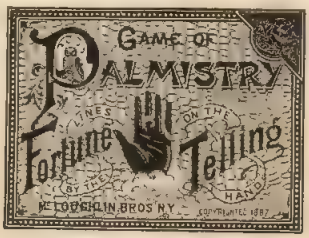
No. 392. Madam Morrow's Fortune Telling Cards, 4½x6¼ inches. By the aid of these fortune-telling cards any one with very little practice may become expert enough in predicting the future of his acquaintances and friends to entertain a company of young people or children agreeably for an hour or two. Every combination of the cards, as well as the cards themselves, and the skill of the fortune-teller, changes the result entirely. Consequently, the variety is limitless and the interest of a company is easily sustained, ½ dozen in package. ... per doz., $2 00

No. 305. "Authors Illustrated." Seventy-two cards finely engraved, representing events taken from the different authors and executed in the most artistic manner. Besides the fifty four illustrations there are eighteen finely engraved portraits of prominent authors, ½ dozen in package.....per doz., $2 00

No. 464. Game of Louisa 9x[illegible] inches. Board 16x17. Louisa is the best of a class of games combining [illegible] with moderate skill. It is a game which will meet the approval of the great majority of players of all ages. Two, three, or four may play it. By means of the throws of two dice the four men of each player are entered, one at a time for each die, carried around the spaces at the margin of the board back to the place of beginning, and thence moved to the center. The combination of a good throw, with skillful play, may enable a player to take up some of the adversaries' men and force them to start over again. The object is to get round and to the center of the board first with all a player's pieces.. .....per doz. $8 00

NESTED BACKGAMMON BOARDS.

No. 447. Four Backgammon Boards which fit inside each other so that the whole nest is no larger than the largest board. Our board 109, not sold separately, is the smallest of [illegible] and measures 11x11 inches when open. No. 109½, 13¾x13¾ inches, is the next; No. 110, 14½x14½ inches, is the third, and No. 110½ is the largest, being 17¾x17¾ inches when open.....per dozen nests, $8 00



No. 414. Palmistry, 6x8½ inches. This is a set of fortune-telling cards, by the aid of which predictions are made from the hands of the players. It contains 110 cards. Each bears a diagram of some style of hand indicative of some peculiarity of fate. The game is adapted to amuse a party of young people or to aid in telling fortunes at public or other entertainments. No particular skill is required, ½ dozen in package, per dozen..... $4 00

CHESS MEN AND CRIBBAGE BOARDS.

Chess men, bone.

No. 1. Parisian style, white and red, 6¾x4¼ inches...per doz., $10 50
No. 3. Same as No. 1, but two sizes larger, 7¾x5 in ...per doz., 15 00

BEST EBONY AND BOXWOOD.

No. 3 E. B., French polished.....per doz., $24 00

CRIBBAGE BOARDS.

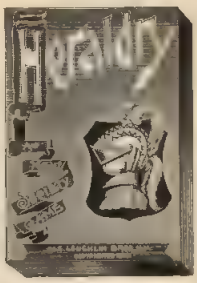
No. 0 Straight. per doz. $[illegible]
No. 2 Straight . per doz. 4 50
No. 3 Triangular .. .... per doz., 6 50
X Single pack cribbage box per doz., 6 00

READ THE PREFACE BEFORE ORDERING.

On orders for $50 00 or over, for Holiday Goods only, pages 1 to 113 (to those who have established credit with us), bills will be dated Nov. 1, 1893. No charges made for Boxes and Cartage.

GAMES.

No. 385. Christmas Stocking Series 4½x6¼, six kinds, put up in assorted dozens. Christmas Stocking Game, The Judges' Game Cards, Merry Matches, Which is it? or Pay, What D'ye Buy? The Game of City Life, 1 dozen in package.....per doz. $2 00

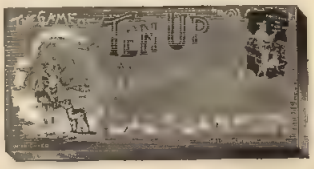


No. 366. Game of Heraldry, 5x8½, lithographed label, 32 cards in colors representing heraldric devices of various sorts. A bright and attractive card game. 1 dozen in package, per dozen $2 00

No. 537. Magnetic Fish Pond, 14½x14½. It is a game for children.....per doz., $12 00

This Fish Pond differs from our Improved Fish Pond entirely. It consists of a tank or aquarium of cardboard. This is covered on the outside with pictures representing fish swimming in water as seen through the glass of an aquarium. The fish used in the game have wire rings in their mouths. They are put out of sight on the bottom of the tank. The "hook" is a magnet on a pole and line. The magnet is drawn around the bottom of the box. When it meets a ring in a fish's mouth, the ring adheres to the magnet and the fish may be drawn out. The element of luck appertains to this game more than to our other Fish Ponds, for the reason that the fish can not be seen at all before being caught.

No. 409. Heraldry and Lost Heir, 7¼x7¼ inches. This set contains the two games included in the title. Each of them is played with 32 handsome cards. Heraldry has cards representing various devices of chivalry, while Lost Heir has devices to designate the police officers of the cities who are searching for the Lost Heir, per doz., $4 00



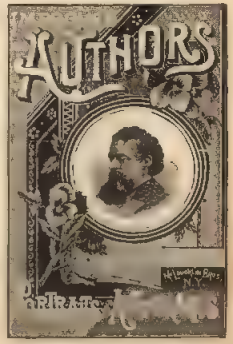
No. 488.

No. 488. Prize Series 8¼x17¼. Three kinds, two games in each, put up assorted, ½ dozen in package, per dozen.....$2 75

Bewildered Travelers. Mariner's Compass. Rainbow Backgammon. Ten Up. Going to Sunday-school. Tower of Babel. These games are simple in play and adapted to the use of children. In all, the mode of play is to move the pieces around the board by the spins of a teetotum. From two to four may play.

The names of these games will be sufficient to insure the popularity of the series. They are old friends in new dress, the Rainbow games made over with new labels and handsome boxes.

No. 5. The World's Fair Game. The game of the season. Everybody wants one this year. Beautifully lithographed cards showing an exact reproduction of the Exposition grounds and buildings at Chicago. This is an excellent game to play. It is also a beautiful and showy article.....per doz., $8 00



No. 80. Improved Authors—popular edition. Series, 3 kinds, put up assorted in dozens.....per doz., $2 00
Improved Authors. Popular Edition.
Improved Authors. Poets. Popular Edition.
Improved Authors. Queens of Literature.

READ THE PREFACE BEFORE ORDERING.

On orders for $50 00 or over, for Holiday Goods only, pages 1 to 113, to those who have established credit with us, bills will be dated Nov. 1, 1893. No charges made for Boxes and Cartage.

Magnetic Compasses.

Fig. 1114.

No. 1.

Fig. 1115.

No. 4.

Fig. 1116.

No. 6.

Fig. 1117.

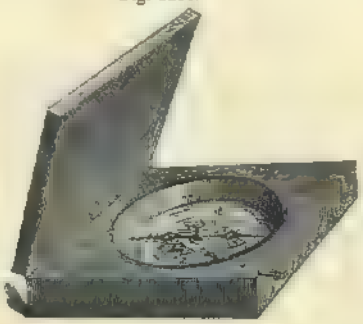
Nos. 7 and 8.

No. 1, Charm, Diameter 1 inch, Gilt Case, Cardboard Dial, - - - - - each, $0 50
2, Pocket, " 1⅝ inches, Open Face, Brass Case, Cardboard Dial Brass Center Needle, no Stop, " 50
3, " " 1⅝ " " " Silver-plated Dial, Agate Center Needle, with Stop, - - - - - - - - " 75
4, Pocket, Diameter 1¾ inches, Open Face, Brass Case, Silver-plated Dial, Graduated 0 to 360° by 2°, Agate Center Needle, with Stop, - - - - - " 1 00
5, Pocket, Diameter 1¾ inches, Brass Case with Hinged Cover, Silver-plated Dial, Brass Center Needle, with Stop, - - - - - - - - " 1 00
6, Pocket, Diameter 2 inches, Brass Case with Hinged Cover, Silver-plated Dial, Graduated 0 to 360° by 2°, Agate Center Needle, with Stop, - - - - - " 1 50
7, Pocket, Diameter 1¾ inches, Nickel-plated Case with Hinged Cover, Silver-plated Dial, Graduated 0 to 360° by 2°, Agate Center Bar Needle, with Stop, - - - " 3 75
8, Pocket, Diameter 2 inches, otherwise same as No. 7, - - - - " 4 50

Fig. 1118.

No. 12.

Fig. 1119.



Nos. 9 and 11.

Fig. 1120.

No. 13.

No. 9, Pocket, 1½ inches square, Mahogany Case, with Stop, - - - - - each, $1 50
11, " 2 " " " " - - - - - " 2 00
12, " Diameter 2½ inches, Brass Case with Pull-off Cover, Engraved Oxidized Dial, with Raised Silver-plated Ring, Graduated 0 to 360° by 2°, Agate Center Bar Needle with Stop, " 3 50
13, Pocket Surveying, Diameter 2½ inches, Brass Case with Pull-off Cover and Folding Sights, Engraved Silver-plated Dial, Graduated 0 to 360° by 2°, Agate Center Bar Needle with Stop, - - - - - - - - - " 5 00

TOY BOOKS.

No. 20. Alphabet Series, 4 kinds newest and best A B C books, handsomely printed in colors adventures of A B C and other little people, Apple Pie A B C, Merry Alphabet, Jolly Animal A B C, 2 dozen in a package, per dozen $0 38

No. 52. Joyful Tales, 6 kinds, new edition, new covers and 3 new and pretty books added to the assortment.
- King Donkey's Doings.
- Queen of Hearts.
- Old Dame Trot.
- The Robber Kitten.
- The Butterfly's Ball.
- The Sad Fate of Poor Robin

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Fig No. D7391

Fig No. D7392

Cut showing Front View. Cut showing Back View of Box Coat.

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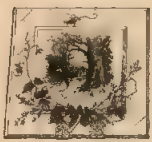

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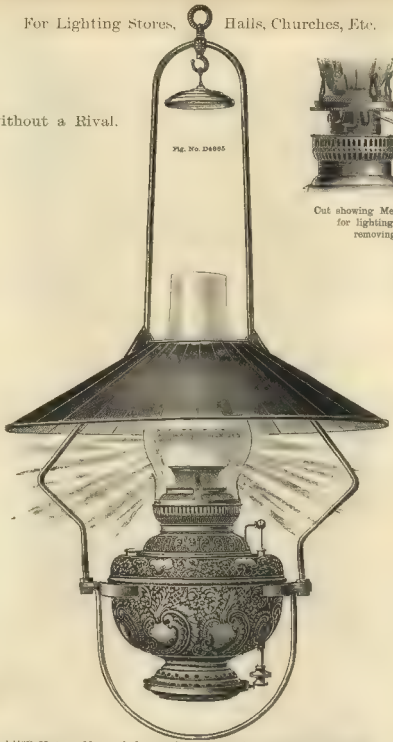

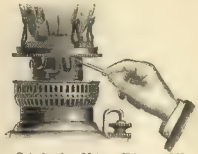

Cut showing Meteor Chimney Lift for lighting Lamp without removing Chimney.

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Fig. No. D4681

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No. A-1B—Plain Parlor, **Brass,** as shown above, $15 75

No. A-1N Plain Parlor, **Nickel Plated,** as shown above, ... 18.00

Fig. No. D4682

No. B-1N. Meteor Embossed Parlor.

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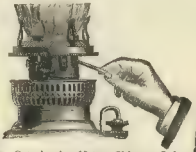
No. B-1B—Embossed Parlor **Brass,** as shown above, $17 25

No. B-1N—Embossed Parlor, **Nickel Plated,** as shown above, ... 19.50

Fig. No. D4683.



Cut showing Meteor Chimney Lift for Lighting Lamp without Removing Chimney

Fig. No. D4684

If any of the Lamps shown on this page are wanted, Complete with Shades, add to list as follows:

For any of the No. 1 Lamps, Complete with 7 inch White Dome Shades, Tripods and Chimneys, add to List, $3.35 per dozen.

For any of the No. 2 Lamps, Complete with 10 inch White Dome Shades, Tripods and Chimneys, add to List, $6.00 per dozen.

No. A-2N. Meteor Parlor.

Height 12½ in.; takes No. 2 Meteor or Rochester Chimney and Wick. PER DOZEN.

No. A-2B—Plain Parlor, **Brass,** as shown above, $18.00

No. A-2N Plain Parlor, **Nickel Plated,** as shown above, . 20.25

No. B-2N. Meteor Parlor.

Height 12½ in.; takes No. 2 Meteor or Rochester Chimney and Wick. PER DOZEN.

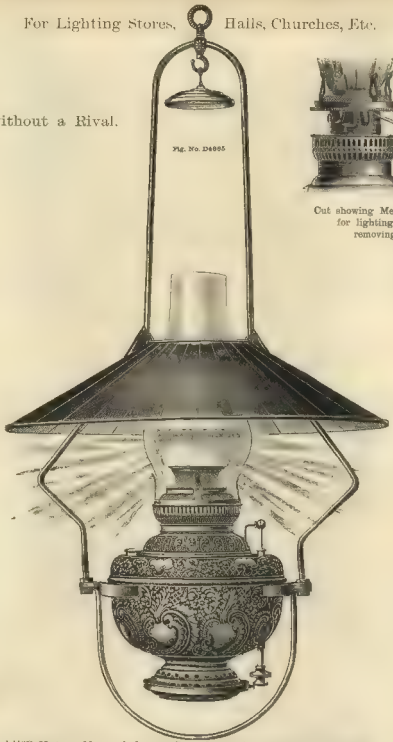
No. B-2B—Embossed Parlor, **Brass,** as shown above, $19.50

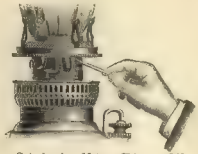
No. B-2N Embossed Parlor, **Nickel Plated,** as shown above, ... 21.75

METEOR MAMMOTH LAMPS.

For Lighting Stores, Halls, Churches, Etc.

Absolutely without a Rival.





Cut showing Meteor Chimney Lift for lighting Lamp without removing Chimney.

Cut shows Nos. 110E and 110F **Meteor** Mammoth Lamps, **Complete,** with Patent Open Ring Harp, New "Panel" Reflector (Green Top and Bright Tin Inside), Chimney and Smoke Bell.

	EACH.
No. 110E=Complete, same as above described, **Brass** Finish, with **20 in.** Panel **Reflector,**	$5.50
No. 110F=Complete, same as above described, **Nickel** Plated Finish, with **20 in.** Panel **Reflector,**	6.00
No. 110A=Complete, same as above described, **Brass** Finish, but with **15 in.** Panel **Reflector,**	5.20
No. 110B Complete, same as above described, **Nickel** Plated Finish, but with **15 in.** Panel **Reflector,**	5.70
No. 110C=Complete, same as above described, **Brass** Finish, but **without Reflector,**	5.00
No. 110D=Complete, same as above described, **Nickel** Plated Finish, but **without Reflector,**	5.50

SIMMONS HARDWARE COMPANY

PARLOR LAMPS.

Meteor.

The Best Central Draft Lamp ever Introduced.

When Shades are wanted on the No. 1 Lamps, 7 inch Shades and Tripods are recommended.

Fig. No. D4681

No. A-1N. Meteor Plain Parlor.

Height 11 in.; takes No 1 Meteor or Rochester Chimney and Wick. PER DOZEN.

No. A-1B—Plain Parlor, **Brass,** as shown above, $15 75

No. A-1N Plain Parlor, **Nickel Plated,** as shown above, ... 18.00

Fig. No. D4682

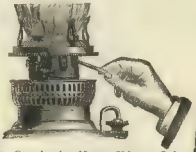
No. B-1N. Meteor Embossed Parlor.

Height 11 in.; takes No. 1 Meteor or Rochester Chimney and Wick. PER DOZEN.

No. B-1B—Embossed Parlor **Brass,** as shown above, $17 25

No. B-1N—Embossed Parlor, **Nickel Plated,** as shown above, ... 19.50

Fig. No. D4683.



Cut showing Meteor Chimney Lift for Lighting Lamp without Removing Chimney

Fig. No. D4684

If any of the Lamps shown on this page are wanted, Complete with Shades, add to list as follows:

For any of the No. 1 Lamps, Complete with 7 inch White Dome Shades, Tripods and Chimneys, add to List, $3.35 per dozen.

For any of the No. 2 Lamps, Complete with 10 inch White Dome Shades, Tripods and Chimneys, add to List, $6.00 per dozen.

No. A-2N. Meteor Parlor.

Height 12½ in.; takes No. 2 Meteor or Rochester Chimney and Wick. PER DOZEN.

No. A-2B—Plain Parlor, **Brass,** as shown above, $18.00

No. A-2N Plain Parlor, **Nickel Plated,** as shown above, . 20.25

No. B-2N. Meteor Parlor.

Height 12½ in.; takes No. 2 Meteor or Rochester Chimney and Wick. PER DOZEN.

No. B-2B—Embossed Parlor, **Brass,** as shown above, $19.50

No. B-2N Embossed Parlor, **Nickel Plated,** as shown above, ... 21.75

Rat Traps.

SELF-SETTING.

Fig. 4439.

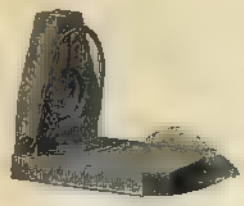


Fig. 4440.

May be set with the hands or a foot.

No. 3, Wood Back and Base, - per dozen, $2 50 | No. 4, Iron Base and Frame, - per dozen, $3 00

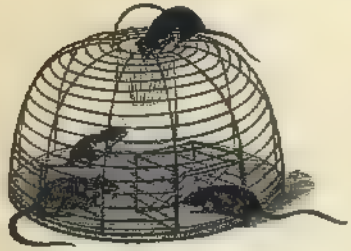
One Dozen in a Crate.

DANDY.

Fig. 4441.

ROUND WIRE.

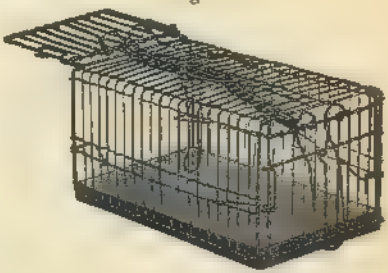
Fig. 4442.



No. 5, Round, Coppered Wire, Wood Bottom, - per dozen, $4 50

CAM LOCK.

Fig. 4443.

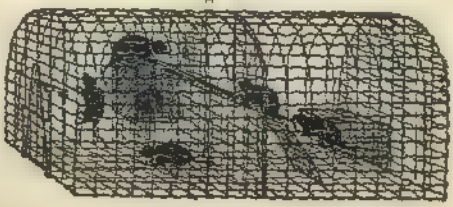


No. 6, Square, Cam Lock, Tinned Wire, Wood Bottom, - per dozen, $5 50

One-half Dozen in a Crate.

AMERICAN.

Fig. 4444



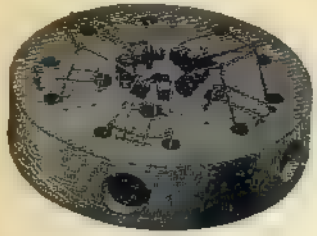
No. 1, Capacity about 30 Rats, - - - - - - per dozen, $20 00
2, " " 15 " - - - - - - " 18 00

One-half Dozen in a Crate.

Mouse Traps.

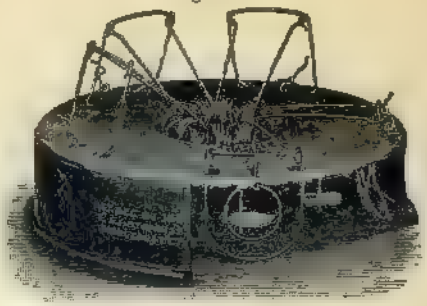
WOOD CHOKER.

Fig. 4445.



TIN CHOKER.

Fig. 4446.



Number of Holes	1	2	3	4	5	6
Per Dozen,	$0 30	0 40	0 60	0 80	1 00	1 20

Number of Holes,	5
Per Dozen,	$1 00

One Dozen in a Bundle.

IDEAL.

Fig. 4447

No. 5, Ideal, Self-Acting, - - - - - per dozen, $1 50

DELUSION.

Fig. 4448

No. 6, Delusion, Self-Acting, - - per dozen, $2 00

TOY.

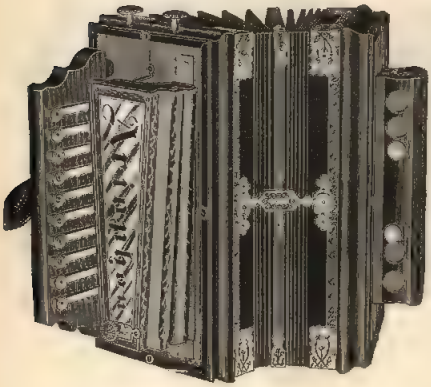
Fig. 4449.

No. 10, Toy, Bottom 3x6 inches, - per dozen, $2 50

One Dozen in a Package.

THE ARIOPHONE.

No. 1070.



No. 1070.

The Ariophone is a new departure in the line of accordeons, being a combination of reed and metallic tones. It may be played as an accordeon or as a chime of bells, and in either case it will produce characteristically musical effects. The performer, by manipulating the proper stop, may also combine the two tones, (reed and metallic), and thus produce a richly harmonious effect.

Broad ebonized frames, ebonized panels, ebonized keys, gilt and nickel ornaments, nickel corners and clasps, double bellows, with chimes attachment, 10 keys, 3 stops, 2 sets reeds, each, $6.00.

MULTUM IN PARVO.

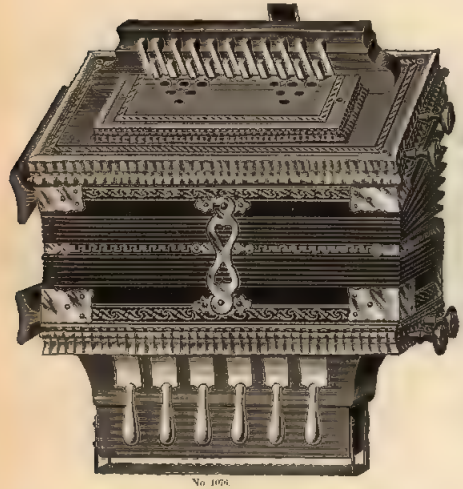
No. 1073.

Accordeons possessing the required variety of tone in the bass have, heretofore, been too large and unwieldy to meet with public favor. The New Imperial Accordeon obviates this defect by having an improved bass box, with six basses (four major, two minor). Being much smaller than the old styles, they are more easily handled. This later feature is one long desired by accordeon artists. Considering the quality and volume of tone in these instruments, they are simply par excellence.

Ebonized mouldings and panels, gilt stamped leatherette bellows, open key-board, nickel keys, clasps and corners, double bellows, 21 keys, 2 stops, 4 sets reeds, 6 basses, each, $10.00.

No. 1073.

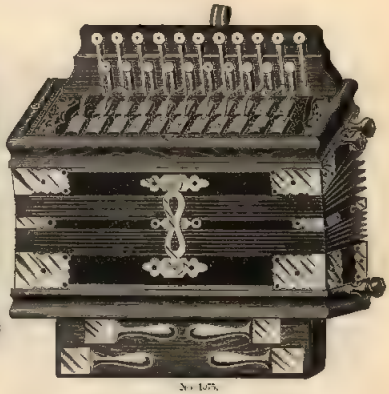
GERMAN ACCORDEONS.



No. 1076.

Carved mahogany mouldings, walnut panels, marquetry inlayings, morocco covered case and bellows, gilt stamped, knee pieces, movable thumb guide, six upright bass keys with leather hand rest, nickel corners and clasps, double bellows.

No. 1076. 21 long ivory keys, 4 stops 4 sets of reeds . . . each, $9 85



No. 1075.

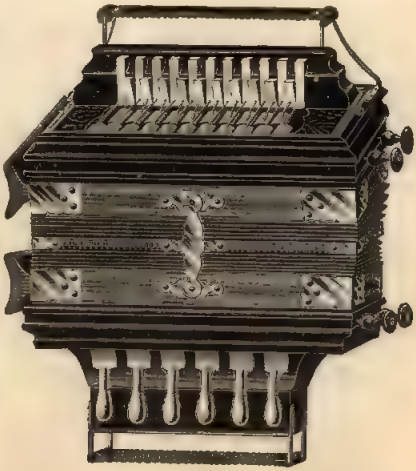
Moulded frames, cherry finish, silver maple top, sunken open key board, fancy hardwood keys, imitation leather bellows, nickel corners and clasps, double bellows

No. 1074. 19 keys, 4 stops, 4 sets of reeds. . . . . each $8 75
" 1075. 21 " 4 " 4 " " . 9 45

No. 1077.

Moulded frames, fancy nickel ornamented panels, mirrored nickel sound rings, etc., nickel corners and clasps, double bellows

No. 1077. 17 keys, 2 stops, 4 sets of reeds, ... each. $5 65
" 1078. 19 " 2 " 4 " " . . . . . " 5 90
" 1079. 21 " 2 " 4 " " . . . . . " 6 45



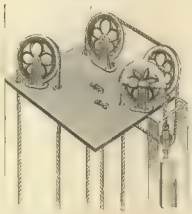
No. 1080.

Heavy black moulded frame, sunken open key board with nickel border, gilt stamped leatherette bellows nickel keys corners and clasps, double bellows, six upright nickel bass keys, knee rests leather hand guides, etc

No. 1080. 21 long keys, 4 stops, 4 sets of reeds. . . . . each, $10 00

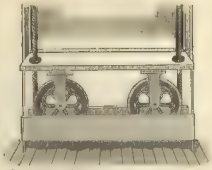
DUMB WAITER FIXTURES.

Fig. No. D4687



Cut showing Perspective View of Wheels at the Top.

Fig. No. D4688



Cut showing Guide Wheels used at Bottom of and boxed in, to prevent the Rope from running off.

New York Safety Dumb Waiter Fixtures.

	PER SET.
New York Safety, Copper Bronzed Castings, Comprising six 8 in. Wheels, two 4 in. Wheels, one Pulley for Weight and Safety Rope, five 1/4 in. Thimbles, one 3/4 in. Thimble, one Ring for Safety Rope, one Brake Grip and Ring for Cord, one Hooded Pulley for Grip, one Patent Plate, Capacity 50 to 75 lbs., .	$15.00

Packed One Set in a Box. Weight each, 68 lbs.

BED FASTS.

Fig. No. D4689

Cuts One-half Size of No. 9.

Fig. No. D4689

Cuts One-half Size of No. 10.

Bed Fasts.

	PER POUND.
No. 9 1 5/8 in., 8 Pieces in a Set, Weight per Set, 2 lbs.; 225 Sets in a Barrel, . .	$0.15
No. 10—4 1/2 in., **Wrought Pin,** Weight per Set, 1 3/4 lbs.; 600 Sets in a Barrel, .	$0.18

PULLEY BLOCKS.

Fig No D4984

Fig No D4985.

Fig No D4986

Weston's Differential Direct.

One man can lift 1000 lbs.

Capacity, Tons.	Will Hoist from Level on which Operator Stands.	Shipping Weight, Complete.	EACH.
⅛	5 ft.	11 lbs.	$10.00
¼	6 ft.	22 lbs	13.00
½	7 ft	30 lbs.	15.00
1	8 ft	51 lbs.	20.00
1½	8½ ft	81 lbs.	25.00
2	9 ft.	122 lbs.	30.00
3	9½ ft	173 lbs.	40.00

Weston's Differential Triplex.

One man can lift 4000 lbs.

Capacity, Tons.	Will Hoist from Level on which Operator Stands.	Shipping Weight, Complete.	EACH.	Extra Lift per Foot, Including all	
				[illegible]	Additional [illegible]
½	8 ft.	52 lbs.	$30.00	$1 90	$1 20
1	8 ft.	86 lbs.	40.00	2.05	1 30
1½	8 ft	132 lbs.	50.00		
2	9 ft.	225 lbs.	60.00		

The name Triplex has been adopted because of these features, viz.: A triple gear being the equivalent of three parallel shafts, each pair geared together with three pairs double pinions, insuring equal distribution of the load, with three-fold the efficiency of its predecessors.

Duplex, Convertible Screw.

Capacity in Tons.	Will Hoist from Level on which Operator Stands.	Shipping Weight Each, Complete.	EACH	Extra Lift per Foot, all Chains included	
				First Foot	Additional F
½	8 feet.	44 lbs.	$25 00	$1 50	$1 20
1	8 feet.	56 lbs.	30.00		1 40
1½	8 feet.	76 lbs.	40.00		1 65
2	9 feet.	110 lbs.	50.00		[illegible]

Packed One in a Case, Complete.

In the use of the above one man can lift 1000 to 4000 pounds. They hold the load at any point and will not run down. When arranged for Safety lowering, the hand-chain must be continuously operated or the load will stop; when converted for Dispatch lowering, the load can be "spun" down after it is started. This conversion can be readily made by anyone.

Extra Lift Blocks not carried in stock and can only be furnished by being shipped direct from factory.

Dumb Waiters.

NEW YORK SAFETY.

Fig. 3742.

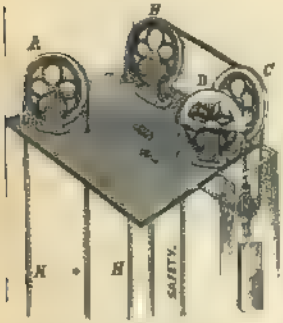


Fig 3742 shows perspective view of the wheels A, B, D and C, as arranged in most cases, and as shown in Fig. 3745. The brake grip attachment should always be placed on under side of the shelf on which fixtures are set.

Fig. 3743.

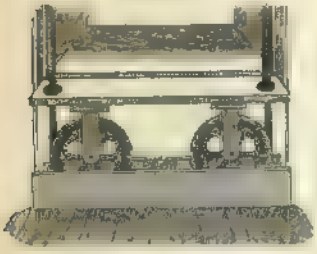


Fig. 3743 shows the guide wheels at bottom of Waiter, and the manner of boxing in to prevent rope from running off

Fig 3744

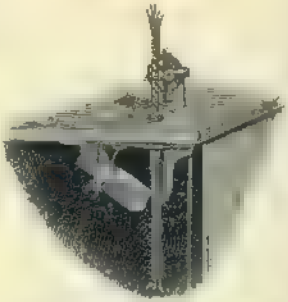


Fig. 3744 shows the brake grip for the New York Safety Dumb Waiter Fixtures as placed on under side of shelf on which the fixtures are set, also the small hooded pulley which is placed on top of the shelf and over which the brake cord runs.

Place the brake grip in such position that the hand rope which elevates the car will run through it. To apply the grip, pull the small cord which runs down the well. To release it, pull down the hand rope and the grip will drop off. Attach the small ring to end of cord on first floor. Use ¼ inch cord for brake

Fig 3745

For stringing these Waiters, use ¼ inch pliable cotton rope, and for safety rope ⅜ inch pliable cotton rope. Always take the slack out of the rope before stringing the Waiter. The guide runs should be ⅞ inch wide by 1¼ inch deep, and are better if coated with blacklead

A set of fixtures, as packed in a case complete consists of the following pieces Six 8-inch Wheels, two 4-inch Wheels, one Pulley for weight and Safety Rope, five 1½ inch Thimbles, one ¼ inch Thimble, one Ring for Safety Rope, one Brake Grip, one Ring for Brake Cord, one Hooded Pulley for Grip, one Patent Plate and full directions for setting up. Fixtures complete. - per set, $15 00

When desired, we can furnish with fixtures Counterweight Guide Runs, Weight Runs, Car 30 inches high by 26 to 24 inches square and all ropes for first ten feet in height. Complete. - per set, 40 00

Each additional foot in height, - - - - - - - - - 40

Prices on larger sizes of Dumb Waiters and Elevators, quoted on application.

Steel Game Traps.

Single Spring.

Fig. 4433.

Nos. 0, 1 and 1½.

Double Spring.

Fig. 4434.

No. 2.

No. 0,	Rat,	Single Spring,	without	Chain,	Spread of Jaws	3½	inches,					per dozen,	$3 25
0,	"	" "	with	"	" "	3½	"					"	4 25
1,	Muskrat,	" "	without	"	" "	4	"					"	3 75
1,	"	" "	with	"	" "	4	"					"	5 00
1½,	Mink,	" "	without	"	" "	4½	"					"	6 00
1½,	"	" "	with	"	" "	4½	"					"	7 50
2,	Fox,	Double "	"	"	" "	4½	"					"	10 50

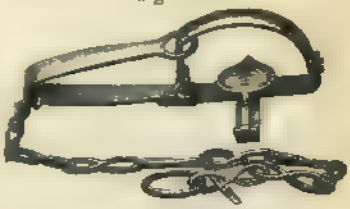
GENUINE "ONEIDA" STEEL GAME TRAPS.

Single Spring.

Fig. 4435.

Without Chain.

Fig. 4436.



With Chain.

No. 0,	Rat,	Single Spring,	without	Chain,	Spread of Jaws	3½	inches,					per dozen,	$3 25
0,	"	" "	with	"	" "	3½	"					"	4 25
1,	Muskrat,	" "	without	"	" "	4	"					"	3 75
1,	"	" "	with	"	" "	4	"					"	5 00
1½,	Mink,	" "	without	"	" "	4½	"					"	6 00
1½,	"	" "	with	"	" "	4½	"					"	7 50

Double Spring.

Fig. 4437.

Nos. 2, 3 and 4.

Fig. 4438.

Nos. 5 and 6

No. 2,	Fox,	Double Spring,	with	Chain,	Spread of Jaws	4½	inches,					per dozen,	$ 10 50
3,	Otter,	" "	"	"	" "	5½	"					"	14 00
4,	Beaver,	" "	"	"	" "	6½	"					"	16 50
5,	Bear,	" "	"	"	" "	11½	"					"	140 00
6,	Grizzly Bear,	" "	"	"	" "	16	"					"	280 00

Gold, Silver and Morocco Opera Glasses.

HIGHEST GRADES. ACHROMATIC LENSES. LIST PRICES EACH.

No. 2214. Silver Hand Chased Body.

Black and Gold.

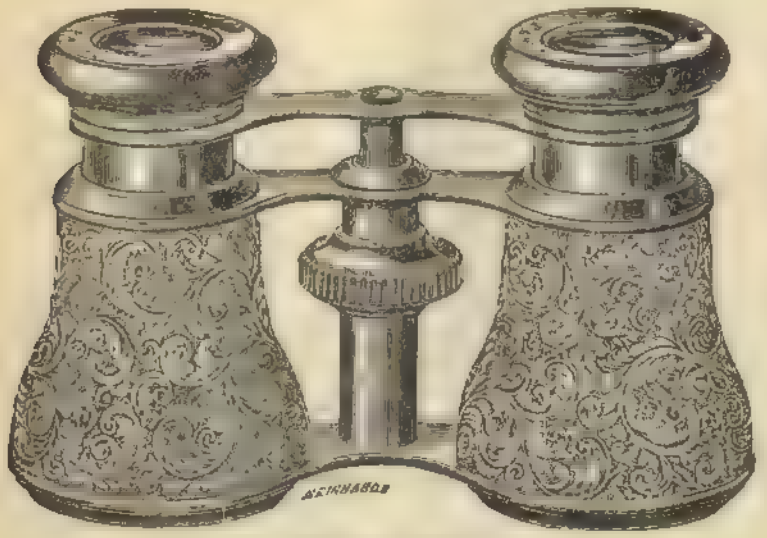
No. 2214. Engraved Gold Body, Japanned Trimmings, Assorted Patterns of Engravings.

11 Ligne	$20 80
13 "	23 70
15 "	27 50

Silver and Black.

No. 2218. Engraved Silver Body, Japanned Tubes.

11 Ligne	$19 40
13 "	21 [illegible]
15 "	2[illegible] 00



No. 2216. Gold Hand Chased Body.

Gilt and Gold.

No. 2216. Engraved Gold Body, Gilt Tubes.

11 Ligne	$30 00
13 "	33 75
15 "	37 50

Silver and Gilt.

No. 2220. Engraved Silver Body, Gilt Tubes.

11 Ligne	$30 00
13 "	33 75
15 "	37 50

Pearl and Gold.

No. 2215. Engraved Gold Body, Pearl Tubes.

11 Ligne	$35 [illegible]
13 "	37 [illegible]
15 "	43 75

Aluminum and Silver.

No. 2221. Engraved Silver Body, Aluminum Tubes.

11 Ligne	$22 00
13 "	25 00
15 "	27 50

No. 324. Morocco Body, Japanned Slides.

No. 324.	13 Ligne, Black Morocco Covered Body High Tops, Japanned Slides, Branches, etc.	$ 9 03
"	15 Ligne, Black Morocco Covered Body High Tops, Japanned Slides, Branches, etc.	10 75
"	17 Ligne, Black Morocco Covered Body High Tops Japanned Slides, Branches, etc.	11 88
2060	11 Ligne, Black Morocco Covered Body Japanned Slides, Branches & Tops	8 25
"	13 " " " " " "	9 00
"	15 " " " " " "	10 00
"	17 " " " " " "	11 [illegible]
"	19 " " " " " "	12 75
131.	15 Ligne, Black Morocco Covered Body, Japanned Slides, Branches and Tops, 12 Lenses, extra powerful	16 25
"	5 Ligne, Black Morocco Covered Body, Japanned Slides, Branches and Tops, 12 Lenses, extra powerful	16 75
"	17 Ligne, Black Morocco Covered Body, Japanned Slides, Branches and Tops, 12 Lenses, extra powerful	16 75

No. 1322. Morocco Body, Gilt Slides.

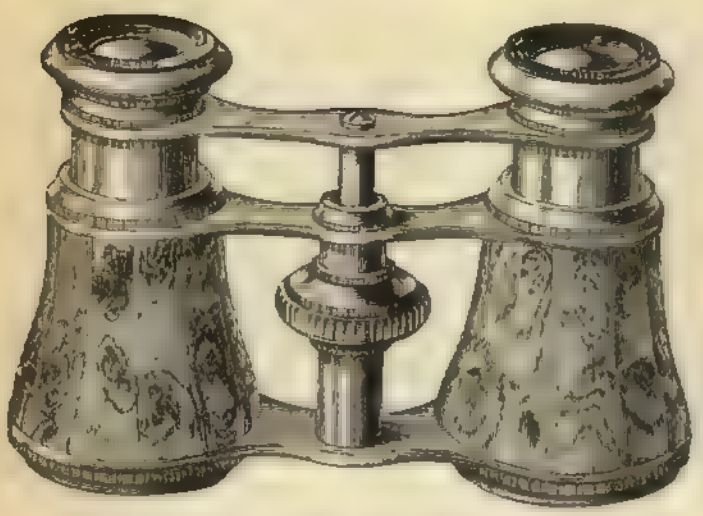
No. 1322.	13 Ligne, Colored Morocco Covered Body, Ornamented with Brass Bands, Gilt Slides, Japanned Tops	$ 6 88
"	15 Ligne, Colored Morocco Covered Body, Ornamented with Brass Bands, Gilt Slides, Japanned Tops	[illegible]
"	17 Ligne, Colored Morocco Covered Body, Ornamented with Black Bands and Gilt Slides, Japanned Tops	8 13

No. 1312. Morocco Body, Gilt Slides.

No. 1312.	13 Ligne, Black Morocco Covered Body, Japanned Tops, Branches and Gilt Slides	$ 3 50
"	15 Ligne, Black Morocco Covered Body, Japanned Tops, Branches and Gilt Slides	4 00
"	17 Ligne, Black Morocco Covered Body, Japanned Tops, Branches and Gilt Slides	4 50

Pearl and Morocco Opera Glasses.

SUPERIOR QUALITY. ACHROMATIC LENSES. LIST PRICES EACH.



No. 175. Persian Pearl Body, Gilt Slides.

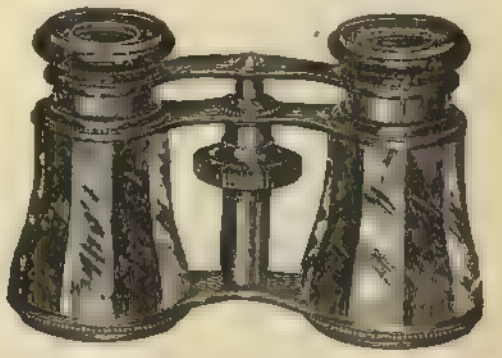
No. 175	11 Ligne, Persian Pearl Body, gilt slides	$18 13
"	13 " " " " " "	19 38
"	15 " " " " " "	20 94

No. 2523. Oriental Pearl Body, Gilt Slides.

No. 2523	11 Ligne, Oriental Pearl Body, gilt slides, fancy mountings	$18 13
"	13 " " " " " " " "	19 60
"	15 " " " " " " " "	21 25

No. 2616. Morocco Body, Black Slides.

No. 2616	11 Ligne, Morocco or Kid Bodies, black slides	$ 8 75
"	13 " " " " " " "	10 00
"	15 " " " " " " "	11 25
No. 2627	11 " Black Kid, Gilt Slides (extra quality)	12 00
"	13 " " " " " " "	13 50
"	15 " " " " " " "	15 00

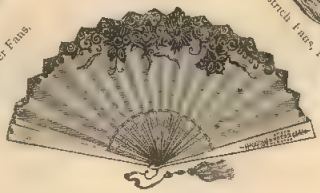


No. 282 Pearl (Alternate Color) Body, Gilt Slides.

No. 226	11 Ligne, Black and White Striped Pearl Body, Pearl Tops, Pearl Slides and Branches	$18 00
"	13 Ligne, Black and White Striped Pearl Body, Pearl Tops, Pearl Slides and Branches	21 00
"	15 Ligne, Black and White Striped Pearl Body, Pearl Tops, Pearl Slides and Branches	23 00
No. 232	11 Ligne, Black and White Striped Pearl Body, Pearl Tops, Gilt Slides and Branches	28 13
"	13 Ligne, Black and White Striped Pearl Body, Pearl Tops, Gilt Slides and Branches	30 00
"	15 Ligne, Black and White Striped Pearl Body, Pearl Tops, Gilt Slides and Branches	32 50
No. 245	11 Ligne, Violet and White Striped Pearl Body, Pearl Tops, Gilt Slides and Branches	20 00
	13 Ligne, Violet and White Striped Pearl Body, Pearl Tops, Gilt Slides and Branches	23 50
	15 Ligne, Violet and White Striped Pearl Body, Pearl Tops, Gilt Slides and Branches	25 00

FANS.

A large line of coque feather Fans, in all colors.



Ostrich Fans, for misses, in all colors

Our past efforts in this direction have met with such good success that we have been encouraged to constantly add to the line, until now we can safely say that we show a more suitable line of Fans for the general trade than any other house.

The fact that we have direct connections with all the best AUSTRIAN, FRENCH and JAPANESE makers and that our buyers deal directly with them enables us to secure, at all times of the year, novelties suitable for the season.

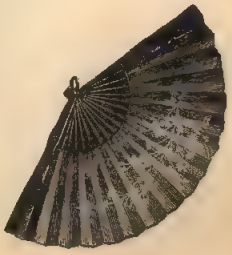
For the Winter and Holiday season, we will show a very complete line of Real Ostrich Feather goods, in all the fashionable colors and evening tints, with wood, ebony, ivory, tortoise-shell and mother-of-pearl sticks ranging in price from the cheapest grades to the very fine qualities.

In Silk, Crepe, Gauze and Lace Fans, with carved bone and fancy wood sticks, we have a good assortment.

When in need of anything in this class of goods, either for your regular stock or for a special purpose, we ask you to give us a trial.

In ordering, please give us as good a description as possible of what is wanted, and state color and about the price you wish to pay.

No. 2. Fan Easel, for display of all kinds of folding fans, fancy brass wire, mahogany wood bottom, per dozen.....net $4 50



READ THE PREFACE BEFORE ORDERING.

PYRAMID AND A B C BLOCKS.

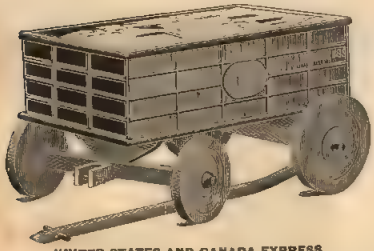
THE JUNIOR.

The set contains five blocks, the largest being 3½x3½x4 inches, and the smallest 2x2 x4 inches. The sides are decorated with handsome lithographs of subjects especially attractive to children. Each subject has a descriptive title below it. Upon the tops of the set are the letters of the alphabet divided among the different blocks. Per dozen in package, per dozen.....$1 75

No 579. Thirty-one inches high, 4½x 4½ x 6½ inches closed. The set contains five blocks, the pictures on which illustrate the stories of "Tom Thumb," "Puss in Boots," "Goody Two Shoes," "Three Bears," etc., per dozen $4 00

No. 509½. Thirty-two inches high; 4½x4½x-5½ inches closed. The set contains six blocks, the pictures on which illustrate the "Three Bears," "Piggy," "Wandering Bunny," "Mischievous Monkey," "Humpty Dumpty," etc., per dozen $4 00

No. 509. Forty-one inches high, seven inches square closed. The blocks are covered with bright colored and amusing pictures of a bolder character than our other nests, so as to be more easily made out by small children, and have an alphabet on the top.....per doz., $6 75



UNITED STATES AND CANADA EXPRESS.

These wagons are of large size and very strongly and neatly made, having heavy hardwood running gear fin shed in shellac, stamped wheels, lithographed body with dark wood moulding top and bottom. Filled with hardwood building blocks.

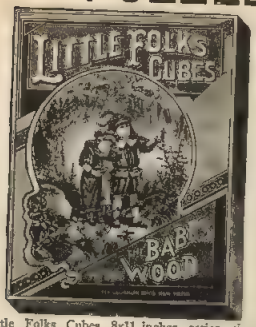
No 113. Size, 17x11½x5½. ... . per doz., $27 00
No. 186. Size, 15x8½x4 . ... per doz., 15 00

No. 580 Little Bo-Peep Alphabet and picture blocks, 5⅝ inches high, 7 inches square when closed, per dozen. $8 00

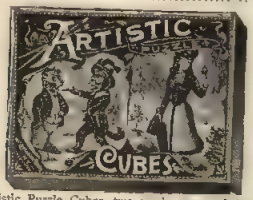
READ THE PREFACE BEFORE ORDERING.

On orders for $50 00 or over, for Holiday Goods only, pages 1 to 113 to those who have established credit with us, bills will be dated Nov. 1, 1893. No charges made for Boxes and Cartage.

PUZZLES AND CUBES.



No. 520. Little Folks Cubes, 8x11 inches, series—six kinds: Cinderella, Puss in Boots, Goody Two Shoes, Red Riding Hood, Jack and the Beanstalk, The Three Bears. These sets of blocks contain twelve cubes, each two and a half inches square. Upon the cubes of each set are portions of six pictures, illustrative of the stories indicated by the titles. When the cubes are properly set up, the complete pictures are formed. To form the pictures is the object of the play, per dozen..... $5 50

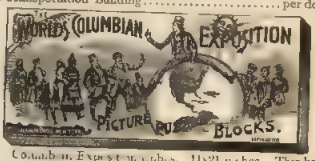


No. 534. Artistic Puzzle Cubes, two kinds, size, 8x10½ inches. The puzzle cubes contain 12 2½-inch cubes, and make 12 different pictures six cubes making a picture, and six pictures appearing upon each set of six cubes. The subjects are the old time ones: The Three Bears, Old Mother Hubbard, Bo Peep, Puss in Boots, Jack the Giant Killer and Red Riding Hood; also one set of pictures which do not illustrate any story, but are designed to attract by their adaptation to the wants of children, and by their beauty generally per dozen..... $5 50

No. 545. The Pretty Village, size 1, two kinds. No. 1, 8x10½ inches, five houses; No. 2, 8x10½ inches, five houses, ¼ dozen in package.....per doz., $4 00

547. The Pretty Village, size 1, 10x15 inches. This toy village is a set of ten cardboard houses, stores, churches, etc. printed to represent buildings, hinged together so that they fold up when the roofs are taken off. They are about 6x3 inches on the ground and high in proportion. When set up they make a pretty imitation of a village street .....per doz., $8 00

No. 568. The World's Fair Building Blocks. Size 8x10½ inches. These cubes are 2¼ inches square, 12 in a set. The pictures are of the Machinery Hall, the U. S. Government Building, the building of Mines and Mining, Agricultural Hall and the Transportation Building.....per doz., $5 50



No. 549. Columbian Exposition Cubes. 11x21 inches. This box of puzzle cubes contains 32 2½-inch blocks, the box itself being 11x21 inches. The pictures on these blocks are of the buildings on the Fair Grounds at Chicago. They represent the Machinery Hall, the United States Government Building, the Building of Mines and Mining, Agricultural Hall and the Transportation Building, per dozen..... $12 00

No. 546. White Squadron Picture Cubes. 11x21 inches. These puzzle cubes are put up in a wooden box 11x21 inches, with a very attractive label representing the new fleet of United States men of war at sea. There are 32 2½-inch cubes in the set, with parts of six of the pictures of new navy vessels on each. When properly put together they make the Baltimore (same as the U. S. S. Philadelphia), the Pirate, or Cruiser No. 12, the Boston (same as the U. S. S. Atlantic), the New York, per dozen..... $12 00

No. 548. Army Tent and Soldiers. Two kinds, put up assorted, 6x11½ inches. These boxes contain sixty of our new paper soldiers—24 kinds, ten of each kind—tin stands to make them all stand upright, and four tents. The soldiers are intended to be cut out and put on their stands, ¼ dozen in package, per dozen..... $2 00

SIMMONS HARDWARE COMPANY.

PEARL AGATE WARE.

Assorted Colors.

Fig. No. D5743

Fig. No. D5744

Mottled.

With Porcelain Inside, White Metal Trimmings.

Nos.,	8650M	8652M	8653M	8654M	8655M
Pints,	¾	2	3	4	5
Per dozen,	$23.00	29.00	[illegible] 00	[illegible] 00	38.00

Decorated.

White Porcelain Inside, Nickel Plated Trimmings.

Nos.,	8652A	8653A	8654A	8655A
Pints,	2	3	4	5
Per dozen	$51.00	57.00	60 00	63 00

Fig. No. D5745

Fig. No. D5746

Fig. No. D5747

Mottled.

White Porcelain Inside, White Metal Trimmings.

Nos.,	6052	6053	6054	6055	6056
Pints,	2	3	4	5	6
Per doz.,	$26.00	29.00	32.00	35.00	38.00

Decorated.

White Porcelain Inside, Nickel Plated Trimmings.

Nos.,	6052M	6053M	6054M	6055M
Pints,	2	3	4	5
Per doz.,	$45.00	51.00	57.00	63.00

Mottled.

White Porcelain Inside, White Metal Trimmings.

Nos.,	9953M	9954M	9955M
Pints,	3	4	5
Per doz.,	$32.00	35.00	38.00

Fig. No. D5748

Fig. No. D5749

Fig. No. D5750

Decorated.

White Porcelain Inside, Nickel Plated Trimmings.

Nos.,	9253H	9263H	9254H	9255H
Pints,	2	3	4	5
Per doz.,	$51.00	57.00	63.00	69.00

Decorated, Oval Pattern.

White Porcelain Inside, Nickel Plated Trimmings.

Nos.,	8953S	8954S	8955S
Pints,	3	4	5
Per doz.,	$66.00	72.00	78.00

Decorated. French Coffee Pots.

White Porcelain Inside, White Metal Filters, Nickel Plated Trimmings.

Nos.,	9293H	9294H	9295H
Pints,	3	4	5
Per doz.,	$72.00	78.00	84.00

Packed One-half Dozen of One Size in a Case.

PHOTOGRAPH BOXES.

No. 1111. Embossed and decorated celluloid, 4 metal corners on top and base, satin lined, 9½x6¼x4, per dozen $24 00

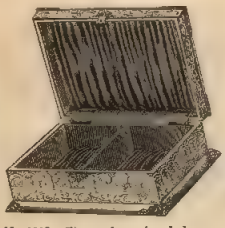
No. 1315. Highly polished quartered ash, platform base, drop front, satin lining, 8¼x5¼x3¼. . ..... per doz., $16 00

No. 1316. Highly polished English oak, extension base, trimmed with marquetry bands on top and sides, drop front, satin lining, 8¼x6x4, per doz.. 27 00

No. 1532 Photograph box, quarter sawed English oak, convex top, silver plated cast metal word "Photographs" on top, satin lined, 7x9½x2½ .....per doz., $18 00

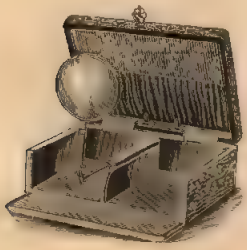
No. 2055. Highly polished quartered oak cushion top, round corners, molded platform base, fine satin lining, 8¼x6x3⅝, per dozen..... $18 00

No. 1114. Celluloid, metal trimmed, with ball feet, satin lined, 7¾x5¼x3½, per dozen..... $16 50



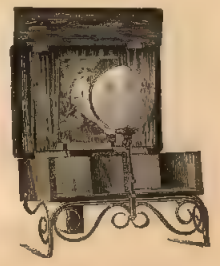
No. 1113. Fine embossed and decorated celluloid Photo Box, extension top and base, 8 silver corners, satin lined, 2 compartments, 11¼x9x4. ...per doz., $33 00

No. 2056. Highly polished quartered oak, cushion top, round corners, molded platform base, fine satin lining, fitted with 3½-inch magnifying glass of the finest quality, 10⅝x8⅜x3¾ .....per doz., $42 00



No. 2058. Highly polished bird's eye maple, cushion top, drop front, fine satin and gros-grain silk lined, with folding nickel mounted 3½ inch magnifying glass of fine quality, 10x8x3¼ .....per doz., $72 00

No. 2059. French calf leather, scroll design, nickel tubing base, satin lined, with a 4½-inch nickel mounted adjustable magnifying glass, 9¼x7x12, per dozen $48 00



No. 2057. Highly polished quartered oak, cushion top, scroll design, nickel tubing base, with an adjustable nickel mounted 4 inch magnifying glass, 10x7¼x11¼ per doz., $60 00

READ THE PREFACE BEFORE ORDERING.

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PIECED TIN WARE.

CANTEENS.

Fig No D6035

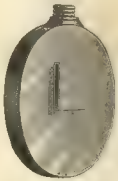


Fig No D6036

PER DOZEN.

No. 20 Miners' Canteens, **Oval,** with **Swivel Loop,**
½ Pint, ... $6.00

PER DOZEN.

No. 10—Miners' Oil Canteens, **1 Pint,** . $5.00

Fig No D6037

Fig No D6038

Fig No D6039

Governnient Canteens.

PER DOZEN.

Government Canteens,
2 Quarts, . . $8.00

Galvanized Iron Covered Canteens.

Quarts,	2	4	8
Per dozen,	$18.00	24.00	36.00

Made of Heavy Galvanised Iron, Screw Capped Top Mouth, Covered with Heavy Blanket Covers, with 1 in. Leather Double Buckle Strap.

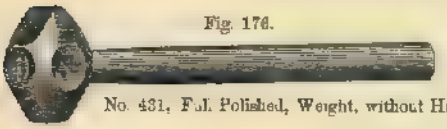
Tin Covered Canteens.

Quarts,	2	3	4
Per dozen,	$12.00	13.50	15.00

Cast Steel Hammers.

PLUMB'S FARRIERS' TURNING.

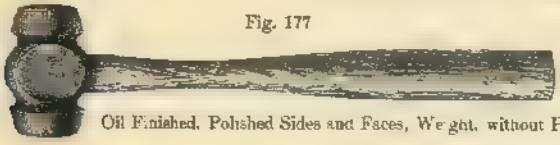
Fig. 176.



No. 431, Full Polished, Weight, without Handle, 2 to 3 pounds, - per dozen, $34 00

HELLER & BROS.' ROUNDING.

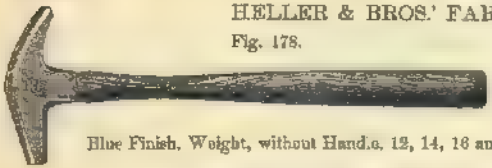
Fig. 177



Oil Finished, Polished Sides and Faces, Weight, without Handle, 2½ to 3 pounds, per dozen, - $24 00

HELLER & BROS.' FARRIERS' DRIVING.

Fig. 178.



Blue Finish, Weight, without Handle, 12, 14, 16 and 18 ounces, - - per dozen, $10 00

MALLERY'S PATENT HORSE SHOE FITTING.

Fig. 179

Solid Cast Steel, Weight, each, without Handle, 2 pounds, - - - - per dozen, $24 00

PLUMB'S BRICKLAYERS

Fig. 180.

Adze Eye.

Nos. - - - - - -	461	462	463
Weight, without Handle, - - - - -	1 lb. 8 oz.	2 lbs.	2 lbs. 8 oz.
Per Dozen, - - - - - -	$14 00	15 00	16 00

Contents of Packages, Fig. 177, 178 and 179, One-third. Fig. 180, One-half; Fig. 176, One-quarter Dozen.

Warner & Noble's Solid Cast Steel Hammers.

JEWELERS'.

Fig. 170.

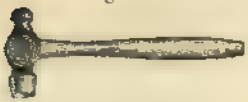


Fig. 171.

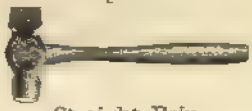
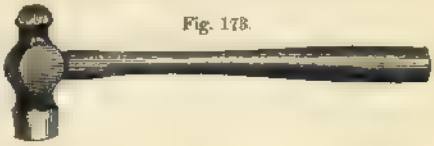


Fig. 172.

	Ball Pein.			Straight Pein.			Cross Pein.		
Nos.	A.	B.	C.	A.	B.	C.	A.	B.	C.
Weight, without Handle,	1½	3	6 oz.	1½	2	6 oz.	1½	3	6 oz.
Per Dozen,	$3 75	5 00	6 00	3 75	5 00	6 00	3 75	5 00	6 00

MACHINISTS' BALL PEIN

Fig. 173.



Nos.	1	2	3	4
Weight, without Handle,	10 oz.	14 oz.	1 lb. 4 oz.	1 lb. 10 oz.
Per Dozen,	$7 00	9 00	11 00	12 50

MACHINISTS' CROSS PEIN.

Fig. 174.

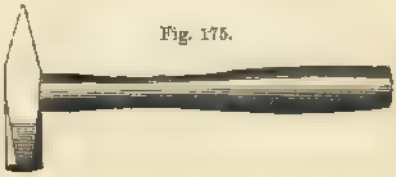
Nos.	1	2	3	4
Weight, without Handle,	10 oz.	14 oz.	1 lb. 4 oz.	1 lb. 10 oz.
Per Dozen,	$7 00	9 00	11 00	12 50

MACHINISTS' CHIPPING OR STRAIGHT PEIN.

Nos.	1	2	3	4
Weight, without Handle,	10 oz.	14 oz.	1 lb. 4 oz.	1 lb. 10 oz.
Per Dozen,	$7 00	9 00	11 00	12 50

MACHINISTS' RIVETING

Fig. 175.



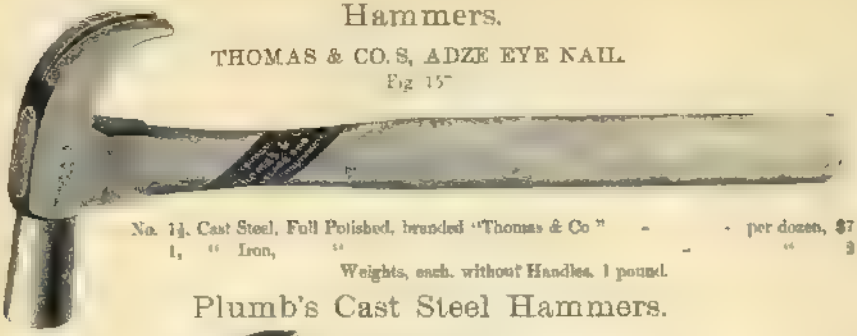
Nos.	00	0	1	2	3	4	5	6	7	8
Weight, without Handle,	1 oz	2 oz	4 oz	7 oz.	10 oz	13 oz.	15 oz	1 lb. 3 oz.	1 lb. 10 oz	2 lbs.
Per Dozen,	$2 25	2 50	2 50	3 00	3 75	4 50	5 25	6 00	7 50	9 00

All Hammers on this page, One-half Dozen in a Package.

Hammers.

THOMAS & CO.'S, ADZE EYE NAIL.

Fig. 157



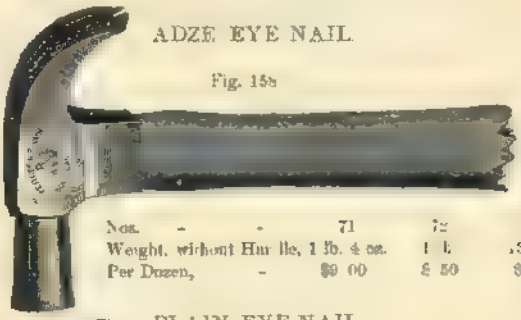
No. 1½, Cast Steel, Full Polished, branded "Thomas & Co."	per dozen,	$7 00
1, " Iron, "	"	3 20

Weights, each, without Handles, 1 pound.

Plumb's Cast Steel Hammers.

ADZE EYE NAIL.

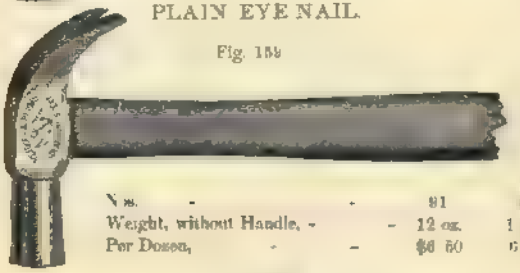
Fig. 158



Nos.	71	72	73
Weight, without Handle,	1 lb. 4 oz.	1 lb.	13 oz.
Per Dozen,	$9 00	$ 50	$ 00

PLAIN EYE NAIL.

Fig. 159

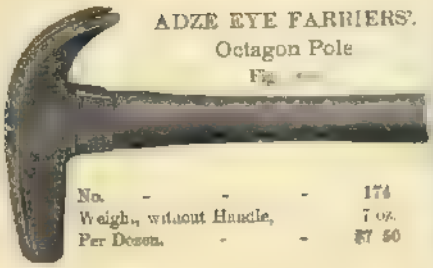


Nos.	81	82
Weight, without Handle,	12 oz.	1[illegible] oz.
Per Dozen,	$6 50	6 75

ADZE EYE FARRIERS'.

Octagon Pole

Fig. [illegible]

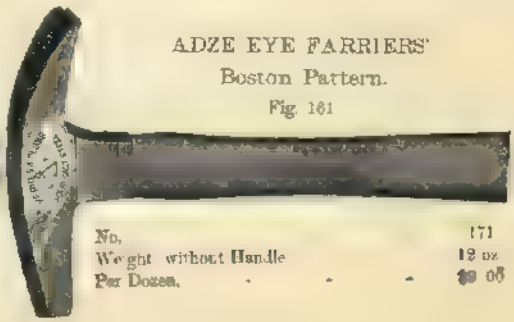


No.	174
Weight, without Handle,	7 oz.
Per Dozen,	$7 50

ADZE EYE FARRIERS'

Boston Pattern.

Fig. 161



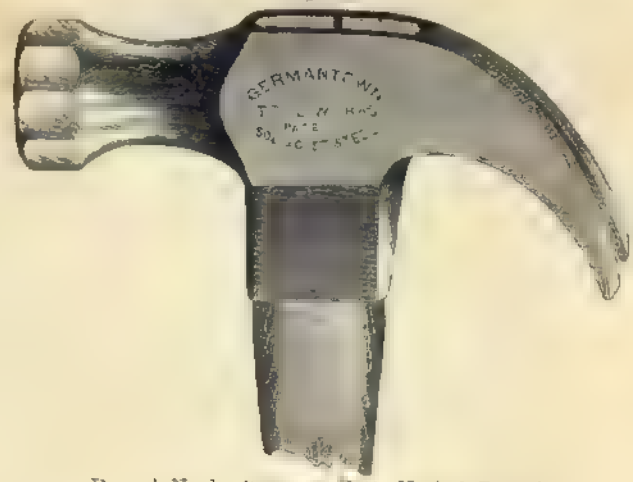
No.	171
Weight without Handle	12 oz.
Per Dozen,	$9 00

All Hammers on this page, One-half Dozen in a Box

Germantown Tool Works Cast Steel Hammers.

ADZE EYE NAIL.

Fig. 134.



Round Neck, Octagon Poll, Nickel-Plated

Nos.	41, Size [illegible]	42, Size 1½
Weight, with Handle,	1 lb. 4 oz	1 lb. 8 oz.
Per dozen,	$10 00	[illegible]

Fig. 4.

Octagon Neck, Octagon Poll, Fine Polished.

Nos.	35, Size 2	36, Size 1½
Weight with Handle	1 lb. 4 oz.	1 lb. 8 oz
Per Dozen,	$12 00	13 00

All Hammers on this page. One half Dozen to a Box

Plumb's Cast Steel Hammers.

MACHINISTS' RIVETING.

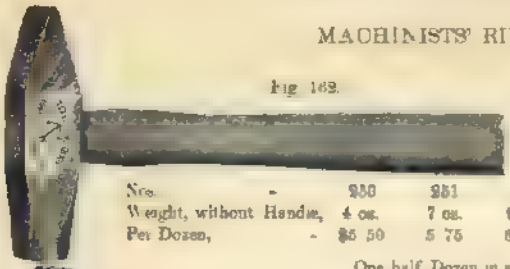


Fig. 162.

Nos.	250	251	252	253	254	255	256
Weight, without Handle,	4 oz.	7 oz.	9 oz.	12 oz.	15 oz.	1 lb. 2 oz.	1 lb. 6 oz.
Per Dozen,	$5 50	5 75	6 00	6 25	6 50	7 00	7 50

One half Dozen in a Box

ENGINEERS' FACE AND PEIN

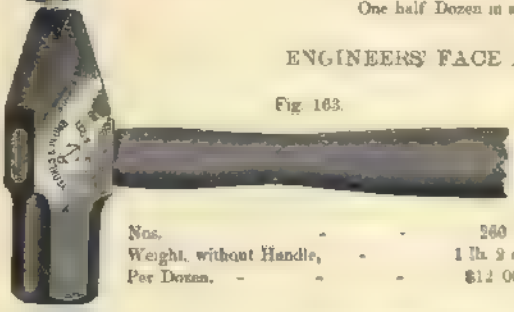


Fig. 163.

Nos.	260	261	262	263	264
Weight, without Handle,	1 lb. 9 oz.	1 lb. 10 oz.	2 lbs.	2 lbs. 8 oz.	3 lbs.
Per Dozen,	$12 00	13 00	14 00	15 00	16 00

ENGINEERS' DOUBLE FACE.

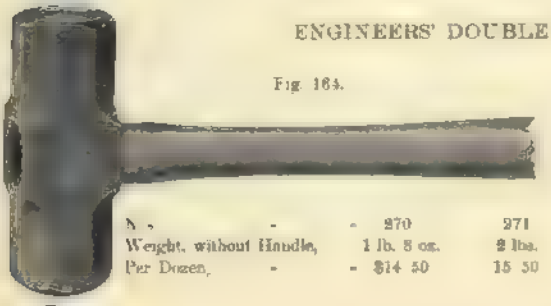


Fig. 164.

Nos.	270	271	272	273	274
Weight, without Handle,	1 lb. 8 oz.	2 lbs.	2 lbs. 6 oz.	3 lbs.	3 lbs. 10 oz.
Per Dozen,	$14 50	15 50	16 50	18 00	19 50

BLACKSMITHS' HAND.

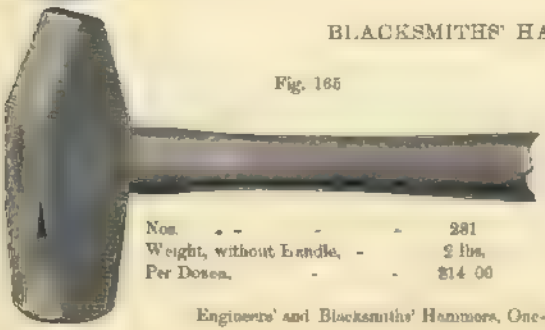


Fig. 165

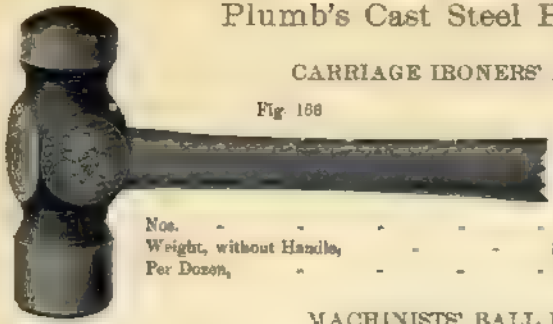
Nos.	281	282	283	284
Weight, without Handle,	2 lbs.	2 lbs. 10 oz.	3 lbs.	3 lbs. 8 oz.
Per Dozen,	$14 00	15 00	16 00	17 00

Engineers' and Blacksmiths' Hammers, One-third Dozen in a Box.

Plumb's Cast Steel Hammers.

CARRIAGE IRONERS' HAND

Fig. 166

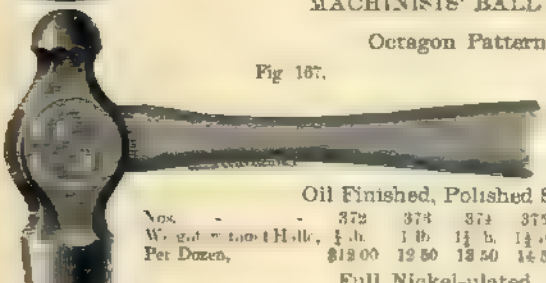


Nos.	320	321	322
Weight, without Handle,	1 lb. 14 oz.	2 lbs. 6 oz.	2 lbs. 12 oz.
Per Dozen,	$15 50	16 50	17 50

MACHINISTS' BALL PEIN.

Octagon Pattern.

Fig. 167.



Oil Finished, Polished Sides, Face and Pein.

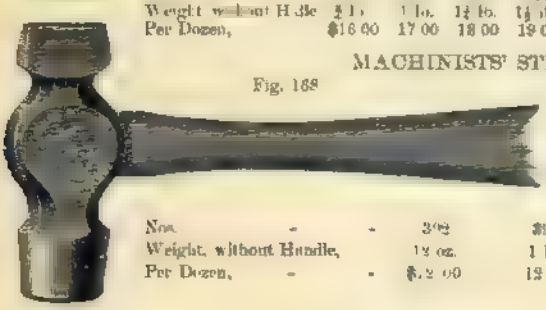
Nos.	372	373	374	375	376	377	378	379	380	381
Weight without Handle,	½ lb.	1 lb.	1¼ lb.	1½ lb.	1¾ lb.	2 lbs.	2¼ lbs.	2½ lbs.	2¾ lbs.	3 lbs.
Per Dozen,	$12 00	12 50	13 50	14 50	15 50	16 50	17 50	19 00	20 50	22 00

Full Nickel-plated, Extra Tool Steel

Nos.	358	359	360	361	362	363	364	365	366	367
Weight without Handle	½ lb.	1 lb.	1¼ lb.	1½ lb.	1¾ lb.	2 lbs.	2¼ lbs.	2½ lbs.	2¾ lbs.	3 lbs.
Per Dozen,	$16 00	17 00	18 00	19 00	20 00	21 00	22 00	23 00	25 00	28 00

MACHINISTS' STRAIGHT PEIN.

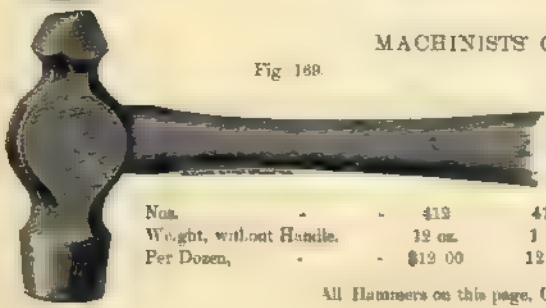
Fig. 168



Nos.	392	393	394	395	396
Weight, without Handle,	12 oz.	1 lb.	1 lb. 4 oz.	1 lb. 8 oz.	1 lb. 12 oz.
Per Dozen,	$12 00	12 50	13 50	14 50	15 50

MACHINISTS' CROSS PEIN.

Fig. 169.



Nos.	412	413	414	415	416
Weight, without Handle.	12 oz.	1 lb.	1 lb. 4 oz.	1 lb. 8 oz.	1 lb. 12 oz.
Per Dozen,	$12 00	12 50	13 50	14 50	15 50

All Hammers on this page, One-third Dozen in a Box

Hammers.

UPHOLSTERERS' AND SHOE

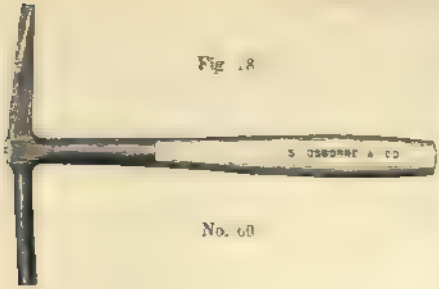


Fig. 18

No. 60

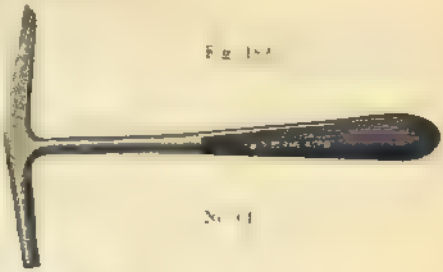


Fig. 18

No. 61

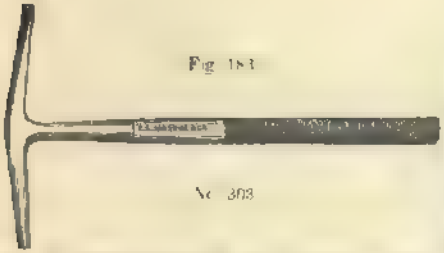


Fig. 183

No. 303

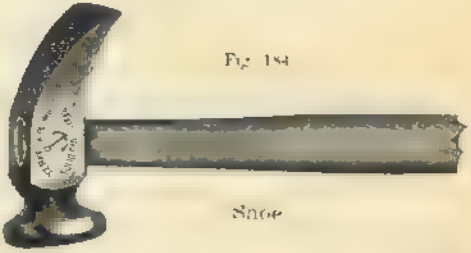


Fig. 184

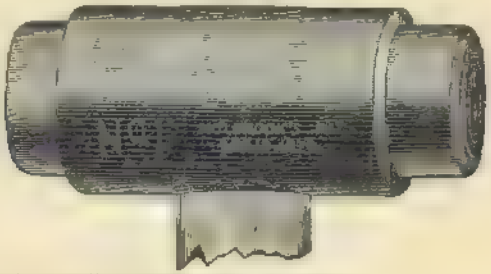
Shoe

No. 60,	Fine Polished Steel	Usual Upholsterers' Hammer,	per dozen,	$13 00
61,	" "	Oval, French Upholsterers' Hammer,	"	24 00
303,	" "	Round Rushel	"	20 00
453,	" "	Plumb's Shoe Hammer, Weight, each, 11 oz.,	"	5 25
454,	" "	" " " " " 13 "	"	5 50
455,	" "	" " " " " 15 "	"	5 75
15,	" "	Iron, Oval Handle, Shoe Hammer,	"	3 00

One-half Dozen in a Box

PATENT HIDE FACED

Fig. 185



No. 1,	Malleable, Japanned, Rawhide Faces. Weight, each, ½ pound,		each,	$0 90
2,	" " " " " " ¾ "		"	1 15
3,	" " " " " " 2 "		"	1 40
4,	" " " " " " 3½ "		"	2 00
4, Ex.	" " " " " " 4½ "		"	2 25
5,	" " " " " " 5½ "		"	2 50

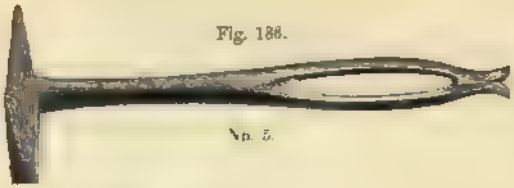
Extra Faces for same.

No.	1	2	3	4	4 extra	5
Per Pair,	20	25	30	42	42	60 cents

One pair of extra Faces is sold with each Hammer, and when worn out they can be renewed at slight cost

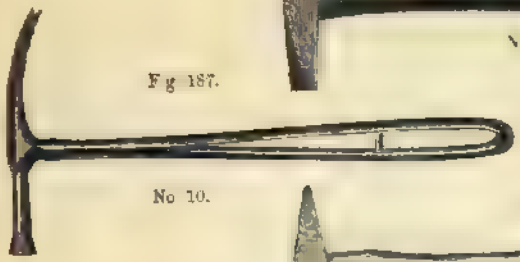
Tack Hammers.

Fig. 186.



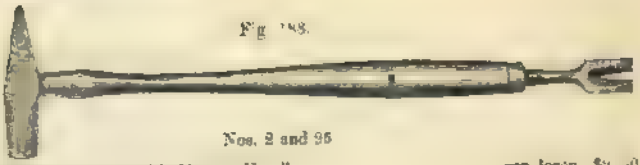
No. 5.

Fig 187.



No 10.

Fig 188.

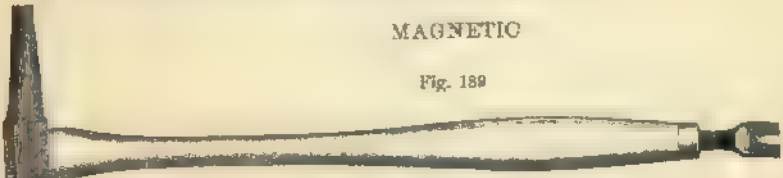


Nos. 2 and 95

No 2,	Solid Cast Steel, Polished, Hickory Handle, with Claw in Handle,	per dozen, $2 [illegible]
5,	Cast Iron, Enameled, Iron Handle, with Claw in Handle,	" 75
10,	Malleable Iron, Tinned, Iron Handle, with Claw in Head,	" 00
25,	Converted Steel, Polished, Hickory Handle, with Claw in Handle,	" 1 00

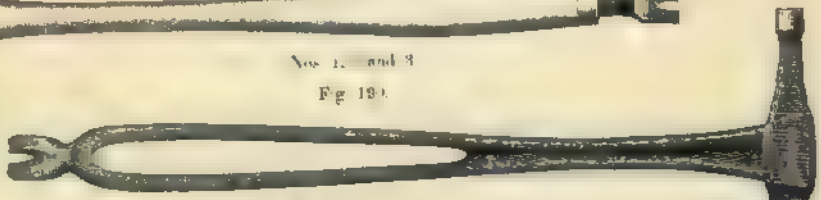
MAGNETIC

Fig. 189



Nos 1, [illegible] and 3

Fig 190

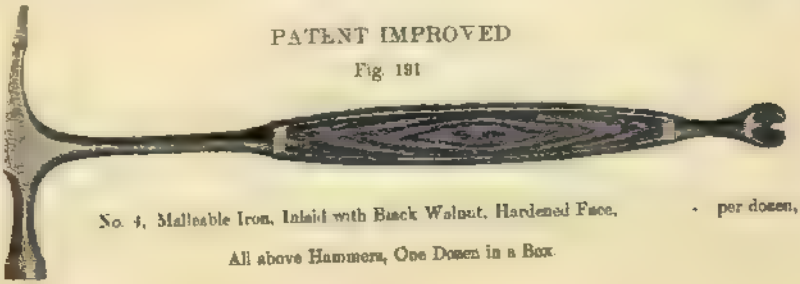


No 12.

No 1,	Small, Hickory Handle, Claw in Head,	per dozen, $1 25
2,	Medium, " " " Handle	" 1 50
3,	Large, " " " "	" 1 75
12,	Medium, all Iron, with Claw,	" 1 25

PATENT IMPROVED

Fig. 191



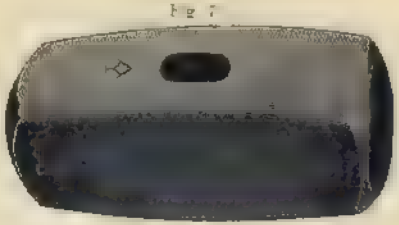
No. 4, Malleable Iron, Inlaid with Black Walnut, Hardened Face, per dozen, $2 50

All above Hammers, One Dozen in a Box.

Solid Cast Steel Hammers.

LAKE SUPERIOR STRIKING

Fig. 7



Verona Tool Co.'s, Best Crucible Cast Steel, Weight, each, [illegible] pounds, - per pound, $0 [illegible]9

Solid Cast Steel Sledges.

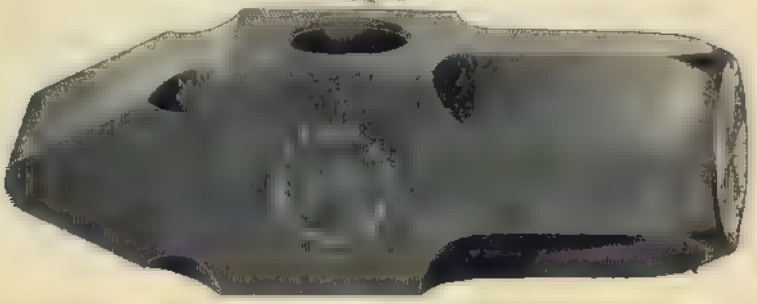
STONE

Fig. 72

Solid Cast Steel, Weight, each, 5 to 35 pounds. - - - - per pound, $0 30

BLACKSMITHS, CROSS PEIN

Fig. 73

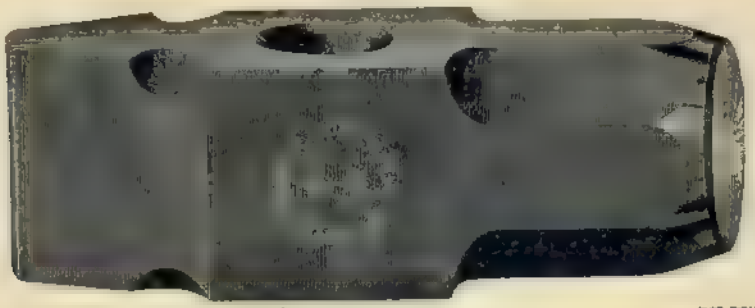


Solid Cast Steel, Weight, each, 5 to 35 pounds, - - - - - per pound, $0 30

Solid Cast Steel Sledges.

BLACKSMITHS', STRAIGHT PEIN

Fig. 74



Solid Cast Steel, Weight, each, 5 to 25 pounds, - - - per pound, $0 30

BLACKSMITHS', DOUBLE FACE STRIKING

Fig. 75

Solid Cast Steel, Weight, each, 5 to 25 pounds, per pound, $0 30

HORSESHOE TURNING

Fig. 76.

LAKE SUPERIOR ORE

Fig. 77

Horseshoe Turning Sledges.

Solid Cast Steel, Weight, each, 6 to 10 pounds, - - - - - per pound, $0 40

Lake Superior Ore Sledges.

Verona Tool Co.'s, Best Crucible Cast Steel, Weight, each, 15 to 25 pounds, - - per pound, $0 19

Solid Cast Steel Slip or Top Maul

Fig. 78

Solid Cast Steel Coal Maul or Sledge

Fig. 79

Solid Cast Steel Coal Wedge.

Fig. 80

Slip or Top Mauls

Solid Cast Steel, Weight each 4 to 8 pounds, per pound, $0 42

Coal Mauls or Sledges

Solid Cast Steel, Weight each, 5 to 10 pounds. per pound, $0 30

Coal Wedges

Solid Cast Steel, Weight each, 1½ to 3 pounds. per pound, $0 25

Solid Cast Steel Wedges.

Wood Choppers'.
Common Pattern.
Fig. 81.

Stone.
Common Pattern
Fig. 82.

Wood Choppers'.
Lake Superior Pattern.
Fig. 83.

Wood Choppers' Wedges

Common Pattern, Solid Cast Steel, Weight, each 4 to 6 pounds, Oil Finish, Fluted,	per pound,	$0 12
" " " " " " 8 to 6 " Axe " "	"	14
Lake Superior Pattern, Solid Cast Steel, Weight, each, 5 to 9 pounds, Oil Finish		4

Stone Wedges

Solid Cast Steel, Weight, each, 2 to 6 pounds,	per pound,	$0 25

Copying Presses.

Fig. 4013.

With Lever.

STYLE A.

Finished in Black, with Bronze Ornamentation.

With Lever or Wheel

No. 4A	Size of Follower	10x12½ inches,	-	each,	$6 00
5A,	" "	10x15 "	-	"	7 25

In ordering, state whether wanted with Lever or Wheel

Fig. 4014.

With Wheel.

Fig. 4015.

With Ball Lever

STYLE B

Finished in Black, with Bronze Ornamentation.

With Ball Lever or Wheel.

No. 4B	Size of Follower	10x13½ inches,	-	each,	$5 75
5B,	" "	10x15 "		"	7 00

In ordering, state whether wanted with Ball Lever or Wheel

Fig. 4016.

With Wheel.

Fig. 4017.

With Ball Lever

STYLE C.

Finished in Black and Carmine, with Bronze Ornamentation.

With Ball Lever or Wheel

No. 4C,	Size of Follower	10 x12½ in.,		each,	$7 50
5C,	" "	10½x14½ "		"	9 00
6C,	" "	10 x15½ "		"	9 50
8C,	" "	11 x18 "		"	13 00

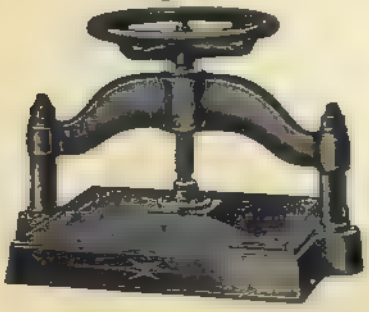
In ordering, state whether wanted with Ball Lever or Wheel.

Fig. 4018.

With Wheel.

STYLE U.

Fig. 4019.



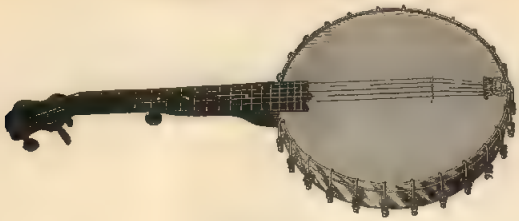
Finished in Black, with Bronze Ornamentation.

With Ball Lever or Wheel.

No. 10U,	Size of Follower	15x20 inches,	-	each,	$20 00
16U,	" "	18x22 "	-	"	25 00

In ordering, state whether wanted with Ball Lever or Wheel.

BANJOS.



BANJORINE.

This instrument is intended for use with one or more banjos as a leading instrument, the tone being of a penetrating quality is consequently prominent in duets quartettes, etc. The neck is made short being less in length than the diameter of the shell, the finger board extending over the head similar to a guitar. It is very easy of execution the frets, of course, being nearer together than the ordinary banjo neck. The instrument is tuned differently from the regular banjo—being a fourth higher For instance, when the Banjorine is played in key of E, the regular banjo should be tuned in A.

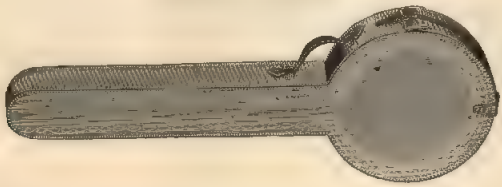
No. 1431. 12-inch German silver shell, wood lined, finished in black inside, both edges wired, plain strainer hoop, birch neck, ebony finger board, with pearl position dots and raised frets, black pegs, 25 nickel-plated hexagon brackets.....each, $10 00

" 1432. 12¼-inch German silver shell, wood-lined, rosewood veneered inside, both edges wired, rabbeted strainer hoop, French polished birch neck with metal stay piece, heavy ebony finger board, position ornaments and raised frets, imitation ivory pegs, 31 nickel Globe brackets with safety nuts.....each, 14 85

PICCOLO BANJOS.

No. 1433. Nickel shell, wood-lined, 7 brass leaf brackets, birch neck, raised frets .....each, 2 75
" 1434. " " " wired edge, plain birch neck raised frets, 9 nickel hexagon brackets ..... " 3 75
" 1435. " " " wired edge, fine birch neck, imitation ebony finger board, position dots, raised frets, 17 nickel hexagon brackets .....each, 5 00

BANJO CASES.



No. 1436. Wood, black varnished, flannel lined, with lock, handle and hooks, for 11 inch banjo.....each, $1 75
" 1437. Brown canvas, leather bound, flannel lined opening at end for 7 inch banjo ..... " 1 85
" 1438 " " " " " " " " 8 " ..... " 1 85
" 1439. " " " " " " " " 9 " ..... " 1 85
" 1440. " " " " " " " " 10 " ..... " 1 85
" 1441 " " " " " " " " 11 " ..... " 1 85
" 1442. " " " " " " " " 12 " ..... " 1 85
" 1443. " " " " " " " " 13 " ..... " 4 00
No. 1444. Leather, hand sewed, embossed, flannel lined, opening at end for 10 inch banjo ..... " 4 20
" 1445. " " " " " " " " 11 " ..... " 4 50
" 1446. " " " " " " " " 12 " ..... " 4 80
" 1447. " " " " " " " " 13 " ..... " 6 65
No. 1448. Alligator leather, hand sewed velvet lined, extra fine quality, for 11 inch banjo .....

BANJO BAGS.

No. 1449. Canvas, fleece lined, patent fasteners, for 10 inch banjo.....each, $0 95
" 1450. " " " " " " 11 " " ..... " 95
" 1451. " " " " " " 12 " " ..... " 95

GREEN CLOTH, WITH BUTTONS.

No 1452. For 10 inch banjo.....each, $0 75
" 1453. " 11 " " ..... " 75
" 1454. " 12 " " ..... " 75

BANJORINE CASES.

No 1455. Brown canvas, leather bound, flannel lined, opening at end for 12¼ inch Banjorine. .....each, $1 95
" 1456. Leather, hand sewed, embossed, " " " " " " " " " 4 60

SPECIALTY BANJOS.

WITH RAISED FRETS.

These Banjos are made with extra care, are handsomely ornamented and carefully adjusted, and are intended to supply the want of a well-made professional instrument, at a medium price

"THE MYSTIC."

No. 1421. 11-Inch Nickel Shell, wood lined, wired edge, French polished mahogany neck with ebony finger board, handsome pearl inlaying with large metal name plate at bottom of finger board, rabbeted strainer hoop metal stay piece, patent "Crown" tail piece, 31 N. P. Hexagon Brackets..... each, $10 25

"THE WAVERLY."

No. 1422. 11-Inch Nickel Shell wood lined, wired edge, French polished mahogany neck, with ebony finger board, very handsome pearl inlaying, large metal name plate at bottom of finger board, rabbeted strainer hoop, metal stay piece, patent "Crown" tail piece, 38 N. P. Brackets..... each, $11 00

PROFESSIONAL BANJOS.

12 INCH.

German Silver Shells, wood Lined rosewood veneered inside, both edges wired, rabbeted strainer hoops, French polished birch necks, with metal stay pieces, rosewood finger boards, pearl position ornaments, raised frets and celluloid imitation ivory pegs calfskin heads.

No. 1423. Semi-Professional, 19-inch neck, 31 nickel globe brackets with safety nuts..... each, $12 50

Designed and made especially for professional players. Metal parts all extra weight extra heavy ebony finger board, strainer hoop, metal shell and wood rim Nickel plated on German silver shells, both edges wired, heavy maple hoops side ebonized and polished, extra heavy rabbeted strainer hoops, finely polished birch neck, raised frets, brass bracket screws with hexagon heads and washers nickel plated, neck handsomely ornamented with pearl

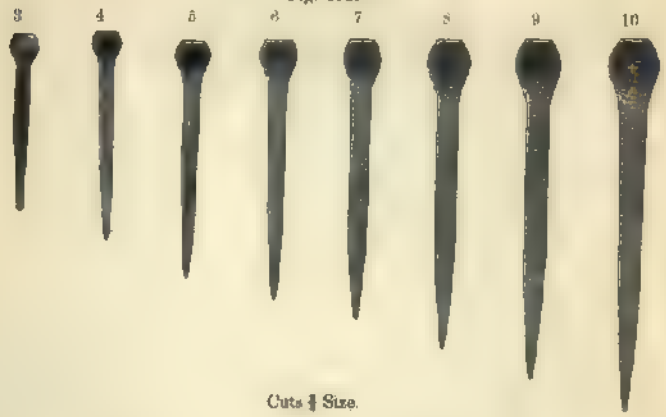
No. 1424.	7	inch German Silver Shell, Nickel Plated, 13 Elbow Brackets									each,	$ 8 65
" 1425	9	"	"	"	"	"	15	"	"		"	11 25
" 1426	11	"	"	"	"	"	21	"	"		"	13 85
" 1427	12	"	"	"	"	"	29	"	"		"	14 85
" 1428.	13	"	"	"	"	"	31	"	"		"	16 00
" 1429.	10	"	"	"	"	"	17	"	"	with elaborately inlaid neck	"	33 00
" 1430.	11	"	"	"	"	"	21	"	"	" " " "	"	36 75

Horseshoe Nails.

PUTNAM.

Hot-Forged and Hammer-Pointed

Fig. 4349



Cuts ⅞ Size.

Nos.,	3	4	5	6	7	8	9	10
Per Pound,	$1 00	0 50	0 26	0 23	0 21	0 20	0 19	0 18

Twenty-five Pounds in a Box, in Five-Pound Packages.

Nos. 6 to 10 are also put up Twenty-five Pounds in a Box, Bulk.

AUSABLE.

Fig. 4350.

Cuts ⅞ Size.

Nos.,	5	6	7	8	9	10
Per Pound,	$0 31	0 28	0 26	0 25	0 24	0 23

Twenty-five Pounds (Bulk or Five-Pound Packages) in a Box.

PP

Fig. 4351.

Cuts ⅞ Size.

Nos.,	5	6	7	8	9	10
Per Pound,	$0 31	0 28	0 26	0 25	0 24	0 23

Twenty-five Pounds in a Box.

Metal Polish.

Fig. 1764.

Putz Pomade

Small, or 1½ oz. Boxes, per dozen,		$0 75
Medium, or 4 oz. Boxes,	"	2 00
Large, or 1 lb. Boxes,	"	7 50

One Dozen in a Package.

Fig. 1765.

Fig. 1766.

Stilboma

Small, or 4-oz. Boxes, per dozen,		$2 00
Large, or 1 lb. Boxes,	"	7 50

One Dozen in a Package.

Matchless Metal Polish.

In Tin Boxes.

Nos.	2	3	4	5
Contents of Box.	3 oz.	4 oz.	8 oz.	1 lb.
Per Dozen Boxes.	$0 75	1 10	3 00	3 50

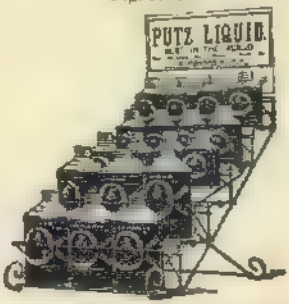
One Dozen in a Package.

In Tin Pails

Nos.	6	7	8	9
Contents of Pail,	3 lbs.	5 lbs.	10 lbs.	25 lbs.
Per Dozen Pails	$9 50	15 00	25 00	[illegible]
Per Single Pail,	1 00	1 50	2 50	6 00

PUTZ LIQUID

Fig. 1767



Small size Cans, per dozen, $1 20 | ½ Pint Cans, per dozen, $3 00 | 1 Pint Cans, per dozen, $[illegible] 00

One Dozen Cans in a Box, with Wire Show-Case Display Stand

CHAMOIS SKINS.

Fig. 1768.

Plain Chamois Skins.

Nos.	8	9	10	11	12	13	14
Size, Inches,	20x20	16x16	15x16	14x16	13x15	12x14	10x12
Each,	$0 90	0 70	0 60	0 50	0 40	0 35	0 30

Stilboma Prepared Chamois

For Gold and Silver.

Nos.	1	2	3
Size, Inches.	17x20	12x15	8x12
Each,	$1 50	1 00	0 50

For Brass, Nickel and Steel.

Nos.	4	5	6
Size, Inches,	17x20	12x15	8x12
Each,	$1 50	1 00	0 50

Lemon Squeezers.

CHAMPION

Fig. 4147.

No. 25. Champion Lemon Squeezer, all Iron, - - - - - per dozen, $24 00

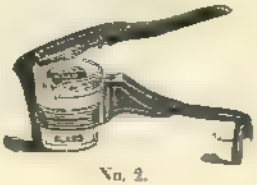
One Dozen in a Case.

DEAN'S PATENT

Fig. 4148

No. 1.

Fig. 4149



No. 2.

Fig. 4150

No. 3.

No. 1, Iron, with Porcelain Cup, Wood Base, - - - - -	per dozen,	$15 00
2, " " " and Lipped Glass, - - - -	"	9 00
3, " " " - - - - - - - -	"	5 60
Lipped Glasses only, for No. 3, - - - - - -	"	2 25

No. 1, One Dozen in a Case; No. 2, Two Dozen in a Case, No. 3, Four Dozen in a Case.

Lemon Juice Extractors.

Fig 4143.

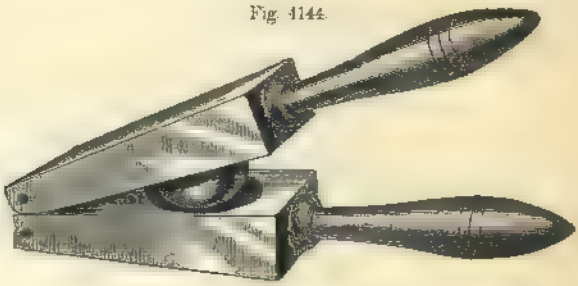
MANNY'S PATENT

No. 10, Lemon Juice Extractor, all Glass, per dozen, $1 25

One-third Dozen in a Box.

Lemon Squeezers.

Fig. 4144.



Wood

No. 20, Hardwood, per dozen, $1 50

Fig 4145.

Iron.

No. 2½, Malleable Iron, Tinned, per dozen, $2 40

One-half Dozen in a Box.

Fig. 4146

Iron, with Lip.

No. 5, Malleable Iron, Tinned, per dozen, $3 50

One-half Dozen in a Box

DOOR KEYS.

Fig No D2743.

PER DOZEN.

No. 33—"Wachter", Nickel Plated Steel, Thin Bit, $2.25

Will Fit almost any Cheap Rim or Mortise Lock.

Two Dozen in a Box.

Fig No D2744

PER DOZEN.

No. 105—Blank, Mortise, Nickel Plated Steel, for **Store Door Handles** Nos. X8186, X8187, X8186C and X8187C, . . $3.60

One Dozen in a Box.

Fig No D2745

Fig. No D2746.

Folding Keys.

Flat Bit, Nickel Plated Steel.

PER DOZEN.

Class 114—Blank, Rim, ... $5.15

Class 116—Blank, Rim, ... $5.15

One Dozen in a Box.

Fig. No. D2747

Folding Keys, Flat Bit, Nickel Plated Steel.

PER DOZEN.

No. 118—Blank, Rim, for Locks Nos. 1166, 1168, 1175 and 1185, ... $5.15

One Dozen in a Box.

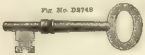


Fig No D2749

Nickel Plated Iron.

PER DOZEN.

No. 142 Cut, for Steel Lock No. 1750, . $0.50

Two Dozen in a Box.

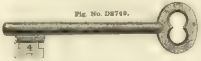


Fig. No. D2748.

Nickel Plated Iron.

PER DOZEN.

No. 220—Cut, for Steel Locks Nos. 3200, 3200 and 3210, . . $0.60

No. 225—Cut, for Steel Locks Nos. 3220 and 3240, .60

Two Dozen in a Box.

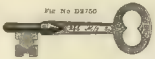


Fig No D2750

Nickel Plated Steel.

PER DOZEN

No. 416½—Cut, for Steel Locks Nos. 1724, 1893J, 7893, 7893C, 685R, 1751S, 1754S and 1754J, . $3.00

Three Dozen in a Box.

Fig No D2751

"Standard" Key Blanks.

PER DOZEN.

No. 34 "Standard" Blanks for "Standard" Door Locks Nos. 1590AS, 1620SA, (Page 523); 1620SF, (Page 533), 1620S, 1620SJ, 1620SP, (Page 483); 1402PS, (Page 485), 1402AS, (Page 524); 1402PS, (Page 534); 1500PS, (Page 484); $2.00

One Dozen in a Box.

Cuts Two-thirds Size.

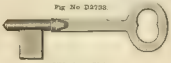
BLANK DOOR KEYS.

Polished Steel.

Thin Bit.

PER DOZEN

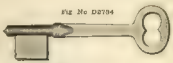
No. 475—Blank, Mortise, $1.50



Thin Bit.

PER DOZEN.

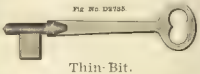
No. 476—Blank, Mortise, $1.50



Wide Bit.

PER DOZEN.

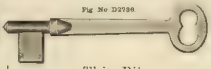
No. 477 Blank, Mortise, $1.50



Thin Bit.

PER DOZEN.

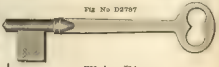
No. 500—Blank, Rim, $2.00



Thin Bit.

PER DOZEN.

No. 513—Blank, Rim, $3.00



Thin Bit.

PER DOZEN.

No. 498 Blank, Rim, $3.00

Six Dozen in a Box.

Steel, Nickel Plated.

Thin Bit.

PER DOZEN.

Class 6½—Blank, Mortise, for Locks Nos. 2230, 2465½, 2500, 2578, 2588, 2179, 8271C, 8271K, $2 05

Class 6½C Cut, Mortise, for same Locks as Class 6½, 2.05

Thin Bit.

PER DOZEN.

Class 6½ Blank, Mortise, for Locks Nos. 2165, 2470½, 410, 8410C, 8410P, $2.05

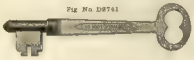
Class 6½C—Cut, Mortise, for same Locks as Class 6½, 2.05

Thin Bit.

PER DOZEN.

Class 71—Blank, Mortise, for Locks Nos. X8372½, X8274½, $2.05

Two Dozen in a Box.



Thin Bit.

PER DOZEN.

Class 37½—Blank, Rim, for Locks Nos. 3886, 3886-2K, 3901, 01238, 01250, 01251, 01252, 01503, 01504, 3503, 3504, 3512, 3514, 3886, 01301½, 01302, 01303½, 01304, 4007B and 5007B, $2 60

No. 37½C—Cut, for same Locks as Class 37½, 2.60

Thin Bit.

PER DOZEN

Class 82½—Blank, Rim, for Locks No. 820, $2.60

One Dozen in a Box.

With the exception of Nos. 6½C, 6½C and 37½C, all Keys on this Page are Blanks. Illustrations show Nos. 6½, 6½, 71, 37½ and 82½ Keys Cut ready for Locks.

Cuts Two-thirds Size.

PAPER WEIGHTS.

Fig. No. D3900

PER DOZEN.

No. 60—Paper Weights, 2¼ x 4 in., **Etruscan Bronzed,** Surface **not Ground,** with Bronze Metal Knob, Weight 10 lbs. per dozen, $4 00

One-half Dozen in a Box.

WATER BOWLS.

Fig. No. D3931

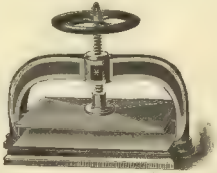
PER DOZEN.

No. 1—Water Bowls, 4 in., Japanned, $3 00

One-third Dozen in a Box.

LETTER PRESSES.

Fig. No. D3902



Letter Presses, Japanned, Bronze Stripes.

Nos.,	4	5	6	7
Size of Follower Plate, inches,	10 x 12	10 x 15	11 x 16½	12 x 18
Weight each, lbs.,	65	76	115	173
EACH,	$7.00	8.00	11.00	17.00

Packed Loose.

PEN RACKS.

Fig. No. D3903

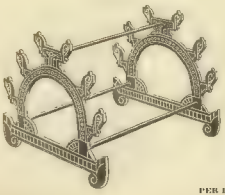
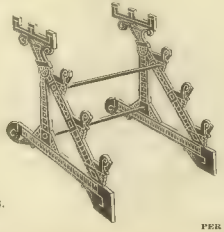


Fig. No. D3904.



Pen Racks.

PER DOZEN.

No. 32 Verde Antique, $3.00

No. 31—Verde Antique, $2 25

One-half Dozen in a Box.

SIMMONS HARDWARE COMPANY

PAPER CLIPS.

Fig. No. D3684.

Fig. No. D3685

Paper Clips.

	PER DOZEN.
No. 034 Etruscan Bronzed, Surface **not Ground,**	$1.50
No. 056 With Pins, Etruscan Bronzed, Surface **not Ground,**	$2.00

PAPER FILES.

Fig. No. D3686.

Fig. No. D3687

Paper Files.

	PER DOZEN.
No. 423 - Etruscan Bronzed, Surface **not Ground,**	$1.25
No. 534 – Etruscan Bronzed, Surface **not Ground,**	$1.80

Fig. No. D3688

Fig. No. D3689

Paper Files.

	PER DOZEN.
No. 2–Security, Steel Wire, **Tinned,**	$3.00
No. 734 – Etruscan Bronzed, Surface **not Ground,**	$2.50

One Dozen in a Box.

SIMMONS HARDWARE COMPANY

WESTMINSTER FULL LENGTH TIGHTS AND TURNERS' PANTS.

Fig. No. D7748.

Fig. No. D7749.

Full Length Tights and Pants.

Best Worsted.

PER PAIR.

No. F40—Full Tights, Full Fashioned, Assorted Colors, $3.50

Cut Worsted.

PER PAIR.

No. F41—Full Tights, Full Fashioned, Navy Blue, Black, Maroon, ... $2.50

Cotton.

PER PAIR.

No. F42—Full Tights, Cotton, Navy Blue, Black, $1.00

Turners' Pants.

Regulation style and substantially made.

PER PAIR.

No. T45—Flannel, good quality, Gray, . . . $3.00

No. T46—" medium " " . . 2.00

WESTMINSTER TRUNKS.

Fig. No. D7750.

Puffed Trunks.

Fig. No. D7751.

No. 1 Worsted Trunks.

EACH.

No. 3—Pine Velvet, Colors, Black, Navy, Royal Blue and Maroon, ... $1.00

No. 4—Sateen, Black and White, ...50

Worsted.

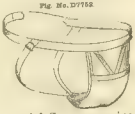
No. 1—Best Worsted, Assorted Colors, ... $1.75

No. 2—Cut Worsted, Navy and Black, ... 1.00

No. 5—Best Worsted, Assorted Colors, ... 1.75

No. 6—Cut Worsted, Navy and Black, ... 1.00

Fig. No. D7752



Davis' Suspensories.

PER DOZEN.

No. 7—**Cotton** Sack, ... $18.00

No. 8—**Silk** " 30.00

Made of Fine Fabric, made especially for this purpose, and will not get out of shape. Allows free circulation of air and prevents chafing.

One in a Box

Fig. No. D7753.

Rheim's Supporters.

EACH.

No. 2—Rheim's Supporters, ... $0.50

Made of best quality canton flannel, lace front and elastic on sides, otherwise same as the Morton Supporter.

SUPPORTERS.

Fig. No. D7754.

Morton's Supporters.

PER DOZEN.

No. 6—Used by Base Ball and Tennis Players everywhere, made of Light Canton Flannel, Laced Front, Cool and Pleasant to Wear. **Send Waist Measure when Ordering,** . $6.00

REVOLVERS.

In Ordering Revolvers on this Page, the Marginal Number to the Left is sufficient to designate them.

Fig. No. D7083.

Iver, Johnson & Co.'s Automatic, Double Action, Central Fire, 5 Shots, Rubber Handle, Shoots S. & W. Cartridges.

32 Caliber, Small Frame.

	EACH.
No. 323J—3 in. Barrel, **Nickel Plated,**	$6.00
No. 0323J—3 " **Blued,**	6 50
	PER PAIR.
Pearl Handles,	$3.00

38 Caliber.

	EACH.
No. 383½J -3¼ in. Barrel, **Nickel Plated,**	$6 00
No. 0383½J 3¼ " **Blued,**	6 50
	PER PAIR.
Pearl Handles,	$3 00

Fig. No. D7054

Harrington & Richardson's Premier Automatic, Small Frame, Rebounding Hammer, Double Action, Rubber Handle.

Central Fire, 5 Shots, Shoots 32 S. & W. Cartridges, Weight 11 oz.

	EACH.
No. 323R—32 Caliber, 3 in. Barrel, Nickel Plated,	$6.00

Harrington & Richardson's Police Automatic Safety Hammer.

Same as H. & R. Automatic, except that the Hammer has no Thumb Piece. Shoots S. & W. Central Fire Cartridges.

32 Caliber, 6 Shots.

	EACH
No. 323¼R, Police, 3¼ in. Barrel, **Nickel Plated,** Weight 18 oz.,	$5.50
No. 0323¼R, Police, 3¼ in. Barrel, **Blued,** Weight 18 oz.,	6.00

38 Caliber, 5 Shots.

	EACH.
No. 383¼R, Police, 3¼ in. Barrel, **Nickel Plated,** Weight 17 oz.,	$5.50
No. 0383¼R, Police, 3¼ in. Barrel, **Blued,** Weight 17 oz.,	6.00

Fig. No. D7085

Harrington & Richardson's Automatic Ejecting, Double Action, Rubber Handle.

Central Fire, Shoots S. & W. Cartridges.

32 Caliber, 6 Shots.

Nickel Plated.

	EACH
No. 323¼R—3¼ in. Barrel, Weight 18 oz.,	$5.00
No. 324 R—4 " " 19 "	5.50
No. 325 R—5 " " 20 "	6 00

Blued.

	EACH
No. 0323¼R -3¼ in. Barrel, Weight 18 oz.,	$5.50
No. 0324 R—4 " " 19 "	6 00
No. 0325 R—5 " " 20 "	6.50
	PER PAIR
Pearl Handles for 32 Caliber,	$3.00

38 Caliber, 5 Shots.

Nickel Plated.

	EACH.
No. 383¼R—3¼ in. Barrel, Weight 17 oz.,	$5.00
No. 384 R—4 " " 18 "	5.50
No. 385 R—5 " " 19 "	6.00

Blued.

	EACH
No. 0383¼R—3¼ in. Barrel, Weight 17 oz.,	$5.50
No. 0384 R—4 " " 18 "	6.00
No. 0385 R—5 " " 19 "	6.50
	PER PAIR.
Pearl Handles for 38 Caliber,	$3 00

Fig. No. D7049.

Sectional View.

REVOLVERS.

In Ordering Revolvers on this Page, the Marginal Number to the Left is sufficient to designate them.

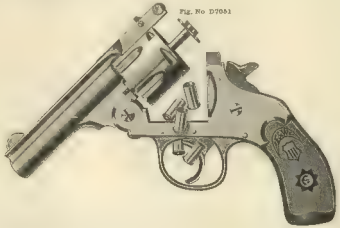
Cuts One-half Size

Fig. No. D7050.

Protector Revolvers.

	EACH.
No. 50 Protector. 7 Shots. Shoots 32 Extra Short R. F. Cartridges. **Nickel Plated Frame,** with Vulcanized Rubber Sides, Length of Barrel 1¾ in., Weight 14 oz., ...	$6.00
No. 050 -Same as No. 50, except **Blued Frame,**	6.00

Fig. No. D7051



Forehand Arms Co. Automatic Ejecting, Double Action, Rebounding Lock, Rubber Handle, Central Fire, Shoots S. & W. Cartridges.

32 Caliber, 6 Shots.

Nickel Plated.

	EACH.
No. 323¼F -3¼ **in.** Barrel, Weight 17 oz., .	$5.00
No. 324 F–4 " " " 18 " .	5.50
No. 325 F–5 " " " 19 " .	6.00

Blued.

	EACH.
No. 0323¼F–3¼ in. Barrel, Weight 17 oz., .	$5.50
No. 0324 F–4 " " " 18 " .	6.00
No. 0325 F–5 " " " 19 " .	6.50
	PER PAIR.
Pearl Handles for 32 Caliber, . .	$2.70

38 Caliber, 5 Shots.

Nickel Plated.

	EACH.
No. 383¼F 3¼ **in.** Barrel, Weight 16 oz.,	$5.00
No. 384 F–4 " " " 17 "	5.50
No. 385 F–5 " " " 18 "	6.00

Blued.

	EACH
No. 0383¼F 3¼ **in.** Barrel, Weight 16 oz.,	$5.50
No. 0384 F–4 " " " 17 "	6.00
No. 0385 F–5 " " " 18 "	6.50
	PER PAIR
Pearl Handles for 38 Caliber,	$2.70

Fig. No. D7052

Maltby, Henley & Co.'s New Double Action, Safety Hammerless. Solid Frame, Rebounding Lock, Rubber Handle, Nickel Plated.

	EACH.
No. 222¼M—22 Caliber, R. F., 2½ in. Barrel, 7 Shots, Weight 9 oz.,	$5.00
No. 323¼M 32 " S. & W. Central Fire, 3¼ in. Barrel, 5 Shots, Weight 14 oz.,	5.00
No. 383¼M 38 " " " 3¼ " " 5 " " 17 "	5.00

Trowels.

CORNER.

Fig. 957.

Length,	Inches,	8
American Corner,	Per Dozen,	$7 00

POINTING.

Fig. 958.

Length,	Inches,	5	5½
Disston's Pointing,	Per Dozen,	$4 75	5 00
Handy "	"	3 00	...

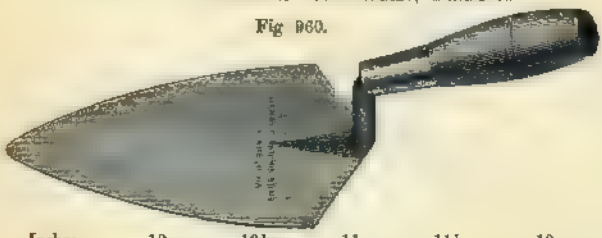
LONDON PATTERN, BRICK.

Fig. 959.

Length,	Inches,	8	9	9½	10	10½	11	11½	12	12½	13	13½	14
Brades',	Per Dozen, $		10 00	10 50	11 00	11 50	12 00	12 50	13 00	13 50	14 00	14 50	15 00
American,	"	.	7 00	7 25	7 50	7 75	8 00	8 25	8 50	.			.
Handy,	"	5 25	5 50	6 00	....	.	. .		.	. .	.		

PHILADELPHIA PATTERN, BRICK.

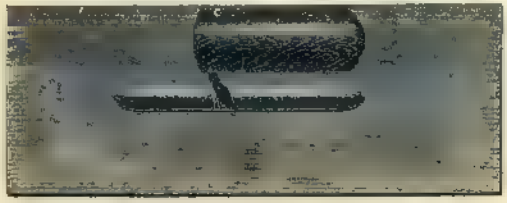
Fig 960.



Length, -	Inches,	10	10½	11	11½	12	12½	13
Rose's, - -	Per Dozen,	$13 25	13 75	14 25	14 75	15 25	15 75	16 25

PLASTERING.

Fig. 961.

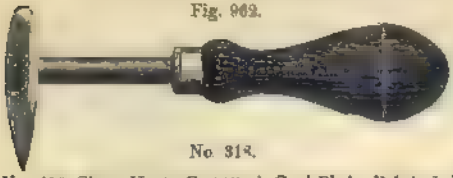


Length, - - - -	Inches,	10	10½	11	11½	12
No. 1, Disston's, Extra Cast Steel, Screw Handle,	Per Dozen,	$13 75	13 75	15 25	16 75	18 50
2, " " Drive "	"	12 25	12 25	13 50	14 50	15 75
4, Woodrough & McParlin's Extra Cast Steel,	"	.	12 50	13 00	13 50	14 00

All above Trowels, One-half Dozen in a Box.

PLUMBERS' SHAVE HOOK.

Fig. 962.



No. 318.

PLUMBERS' CHIPPING KNIFE.

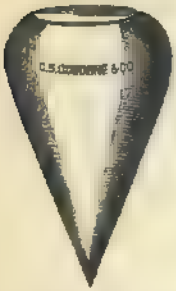
Fig. 963.

No. 321.

No. 318, Shave Hook, Cast Steel, Oval Blade, Polished, Black Handle,	per dozen,	$3	50
318½, " " " Triangular Blade, Polished, Black Handle,	"	3	50
321, Chipping Knife, Cast Steel, Leather Handle, Assorted Lengths, 4½, 5 and 6 inches,	"	7	00

PLUMBERS' TURN PIN

Fig. 964.



No. 322.

PLUMBERS' TAP BORER.

Fig. 966.

No. 319.

PLUMBERS' LEAD DRESSER.

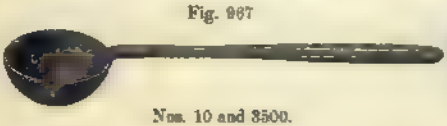
Fig. 965

No. 324.

No. 319, Tap Borer, Cast Steel, New York Pattern, extra heavy Shank,	per dozen,	$ 5	00
322, Turn Pin, best Boxwood, Assorted,	"	3	00
324, Lead Dresser, best Lignum-vitæ,	"	10	00

IRON LADLES.

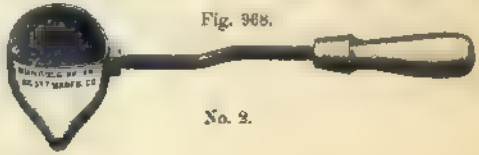
Fig. 967



Nos. 10 and 3500.

Munroe's Patent Melting and Skimming Ladle.

Fig. 968.



No. 2.

Wrought Iron.

Diameter of Bowl,	Inches,	8	9	10
No. 10, Wrought Iron,	Per Dozen,	$20 00	24 00	30 00

Malleable Iron.

Diameter of Bowl,	Inches,	3	4	5	6
No. 3500, Malleable Iron,	Per Dozen,	$2 00	3 25	5 60	7 25

Munroe's Patent.

No. 2, Munroe's Patent Melting and Skimming Ladle, Capacity 1¼ pounds of Metal, - - per dozen, $4 00

Picks.

POLL.

Fig. 59.

Adze Eye.

No. 11, Cast Steel, Oil Finish, Weight, each, 8 pounds, - - - per dozen, $20 00

LAKE SUPERIOR ORE MINING.

Fig. 60.

No. 12, Solid Crucible Steel Painted Black, Axe Finish, Weight, each, 5 to 6½ pounds, - per pound, $

IRON CLIFF MINING

Fig. 61.

No. 13, Solid Crucible Steel, Painted Black, Axe Finish, Weight, each, 7 to 8 pounds, - per pound, $.

MENOMINEE MINING.

Fig. 62.

No. 14, Solid Crucible Steel, Painted Black, Axe Finish, Weight, each, 7 to 8 pounds, - per pound, $

SOLID PICK EYE BLANKS.

Fig. 63.

No. 15, Patent Solid Eye Blanks for Railroad Picks, Natural Color, Weight, each, 6 pounds, - per dozen, $10 50
16, " " " " " " " " 7 " " 11 50

All above Picks, Two Dozen in a Box

Picks.

RAILROAD OR CLAY.

Fig. 53.

Adze Eye.

No. 3,	Iron City, Cast Steel, Painted Black, Axe Finish, Weight, each, 5 to 6 pounds,	per dozen,	$ 2 00
4,	" " " " " " " 6 to 7 "	"	13 00
5,	Verona, " Extra Heavy, Painted Black, Axe Finish Weight, each, 7 to 8 pounds.	"	16 00

Fig. 54.

Adze Eye.—Washoe Pattern.

No. 6,	Washoe, Cast Steel, Oil Finish, Weight, each, 6 pounds,	per dozen,	$18 00
7,	" " " " " 7 "	"	20 00

QUARRY OR DRIFTING

Fig. 55.

Adze Eye.

No. 44,	Cast Steel, Oil Finish, Weight, each, 5 pounds,	per dozen,	$16 00
8,	" " " " 6 to 7 "	"	17 50

TAMPING

Fig. 56

Adze Eye.

No. 1,	Iron City, Cast Steel, Painted Black, Axe Finish, Weight, each, 7 to 8 pounds,	per dozen,	$12 00
10,	Verona, Solid " " " " " " 7 to 8 "	"	12 00

COAL.

Fig. 57

Adze Eye.

No. 1,	Cast Steel, Oil Finished, Weight, each, 2 pounds,	per dozen,	$8 50
2,	" " " " " 2½ "	"	9 00
3,	" " " " " 3 "	"	9 50

STONE.

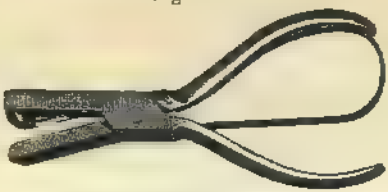
Fig. 58

No. 18,	Steel, Painted, Painted Black, Axe Finish, Weight, each, 6 to 7 pounds,	per dozen,	$16 50
19,	" " " " " " 7 to 8 "	"	17 50

All above Picks, Two Dozen in a Box

Conductor's Punches.

Fig. 1290.



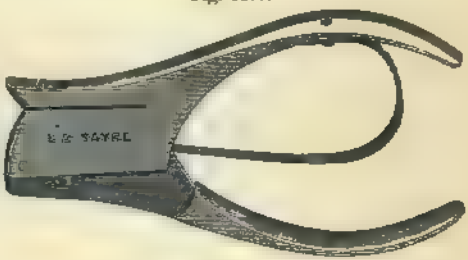
No. 37.

No. 36. Ticket Punch, Nickel-plated, to punch Round Holes only, Length of Jaw ⅝ inch, - per dozen, $10 00
37, " " Assorted Dies, Length of Jaw ⅝ inch, - - " 14 00

Fig. 1291.

No. 42, 43, 43½.

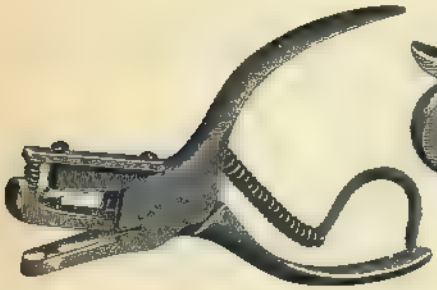
Fig. 1292.



No. 44.

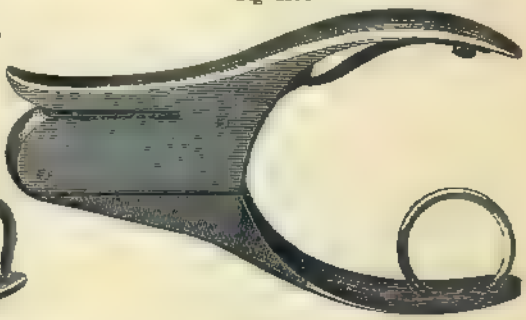
No. 42, Ticket Punch, Nickel plated, Assorted Dies, Length of Jaw 1½ inches, - per dozen, $32 00
43, " " " " " " 1½ " - - " 36 00
43½, " " " " " " 2 " - " 48 00
44, " " " " " " 4/4 " - - " 28 00

Fig. 1293.



No 440.

Fig 1294



No. 500.

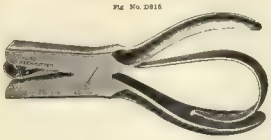
No. 440, Ticket Punch, Nickel-plated, Assorted Dies, Length of Jaw, ⅝ inch, - per dozen, $40 00
500, " " " " " " 1 " - - - " 45 00

All Punches on this page, One only in a Box

The Lengths of Jaws, as above stated, are from inside of Die to back of Opening. A Punch with 1 inch Jaw will punch 1 inch from edge of card or ticket.

TICKET AND CONDUCTORS' PUNCHES.

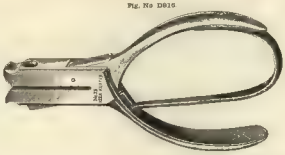
Fig. No. D815.



PER DOZEN

No. 50—Keen Kutter, Nickel Plated, **Cuts ⅞ in.**
Reach, Assorted Dies, Fancy Patterns, $15 00

Fig. No. D816.

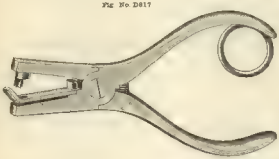


PER DOZEN

No. 75—Keen Kutter, Nickel Plated, **Cuts 1⅛ in.**
Reach, **Assorted Dies,** Fancy Pattern, $36 00

This Punch, with extra long reach, is specially intended for use on grocers', butchers', icemen's and milkmen's credit tickets, time checks, transfer checks, etc.

Fig. No. D817

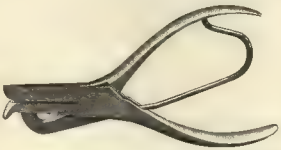


PER DOZEN

No. 2—Nickel Plated, Assorted Dies, . . $17.00

(No. 2, with Initial Letters, furnished on special orders.)

Fig. No. D818.



PER DOZEN.

No. 35 Polished, Assorted Dies, . . $ 8.00

No. 40—Nickel Plated, Assorted Dies, . 11.00

Assortment includes 75 different patterns of Dies.

One-half Dozen in a Box.

EYELET SETS.

Fig. No. D819

PER DOZEN.

Eyelet Sets, Polished, Cast Steel, . $9.00

One-half Dozen in a Box.

SHOEMAKERS' PINCERS.

Fig. No. D820

PER DOZEN.

Walker's Shoemakers' Pincers, Cast Steel,
Length, 7¼ in., . . $6.75

One Dozen in a Package.

PINCERS.

Fig. No. D807

Fig. No. D808

Carpenters'.

"S. H. Co., Extra Quality."

Solid Forged Steel, Polished Jaws.

	PER DOZEN.
No. 806= 6 in., Straight Handle,	$4.20
No. 808= 8 in., with Claw and Screw Driver Handle,	6.00
No. 810=10 in., with Claw and Screw Driver Handle,	9.00

One-half Dozen in a Varnished WOOD BOX.

No. 102.

Wrought Iron, Polished Steel Jaws.

	PER DOZEN.
No. 102— 6 in., Straight Handle,	$2.55
No. 102— 8 in., with Claw and Screw Driver Handle,	4.20
No. 102—10 in., with Claw and Screw Driver Handle,	7.00

6 and 8 in., One Dozen; 10 in., One-half Dozen in a Box.

Fig. No. D809.

Fig. No. D810.

Blacksmiths' Shoeing.

"S. H. Co., Extra Quality."

Parallel Handles, Round Bevel, **Close Biting Jaws.**

	PER DOZEN.
No. 110=10 in., Solid Forged Steel,	$13.00
No. 112 12 in., Solid Forged Steel,	15.00

One-half Dozen in a Varnished WOOD BOX.

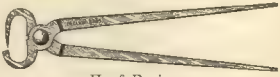
Regular Pattern.

	PER DOZEN.
No. 10—10 in., Cast Steel,	$10 00
No. 12—12 in., Cast Steel,	11.50

One-third Dozen in a Package.

Fig. No. D811.

Fig. No. D812



Blacksmiths' Shoeing.

	PER DOZEN.
Heller Bros.', 12 in., Shoeing, Solid Cast Steel,	$15.00
Heller Bros.', 14 in., Shoeing, Solid Cast Steel,	24.00

12 in., One-half Dozen; 14 in., One-quarter Dozen in a Box.

Hoof Paring.

	PER DOZEN.
Heller Bros.', 12 in., Paring, Solid Cast Steel,	$20.00
Heller Bros.', 14 in., Paring, Solid Cast Steel,	24.00

One-half Dozen in a Box.

Fig. No. D813.

Fig. No. D814

Farriers' Nail Cutting.

Keen Kutter, Solid Forged Steel.

	PER DOZEN.
No. 1214=14 in., Tempered and Polished Jaws, Inside Bevel, Oval Handles,	$24.00

One-half Dozen in a WOOD BOX.

Vaughan's Solid Steel.

	PER DOZEN.
No. 30—12 in., Inside Bevel,	$15.00
No. 32—14 in., Inside Bevel,	16.00

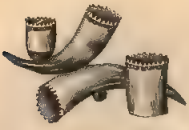
One-half Dozen in a Box.

HORN SMOKER SETS AND KEY RACKS.

No. 1801. One highly polished horn, scalloped edge, silver trimmings, joined to horn cup and ash receiver, scalloped edges, silver trimmings, ¼ dozen in package. . per doz., $8 00

No. 1804. One highly polished horn, scalloped edge, silver trimmings, supporting ash receiver and match box and joined to cigar holder, 1-6 dozen in package, per dozen..... $12 00

No. 1802. Two highly polished horns joined together, scalloped edges, silver trimmings, supporting horn cup and ash receiver, scalloped edges, silver trimmings, ¼ dozen in package..... per doz., $10 50



No. 1803. Two highly polished horns, scalloped edges, silver trimmings, supporting match box, ash receiver and cigar holder, ¼ dozen in package ....per doz., $10 50

No. 1806. Two highly polished horns joined to horn cup, scalloped edges, supporting cup and ash receiver, unique design, 1-6 dozen in package .....per doz., $13 50

No. 1805. One highly polished horn joined to large horn cup, supporting match box and ash receiver, scalloped edges, 1-6 dozen in package.....per doz., $12 00

No. 1808. Three highly polished horns joined together in unique design, with cigar holder, ash receiver and match box, scalloped edges..... .... per doz., $16 50

No. 1807. Two highly polished horns joined at points, supporting ash receiver, scalloped edge, silver trimmings, joined to one highly polished horn at base, supporting horn cup, scalloped edge, silver trimmings..... per doz., $16 00

No. 1809. Three highly polished horns, scalloped edges, silver trimmings, joined together, supporting large horn cup and ash receiver with match scratch of leaf pattern.....per doz., $24 00

No. 1810. Two highly polished horns joined together, push trimmings, supported by one highly polished horn with one highly polished horn as match box and large grooved cup and ash receiver, scalloped edges, silver trimmings.....per doz., $33 00

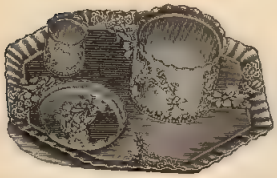
No. 1825. Key Hanger, one large highly polished horn suspended by nickel chain, with 5 hooks for keys, ½ doz. in package, per doz., $4 50

No. 1824. Key Hanger one highly polished horn, assorted edges, suspended by brass chain, with two cup hooks for keys, 1 doz. in package, three kinds assorted, per dozen..... $2 00

READ THE PREFACE BEFORE ORDERING.

On orders for $50 00 or over, for Holiday Goods only, pages 1 to 113 (to those who have established credit with us), bills will be dated Nov. 1, 1893. No charges made for Boxes and Cartage.

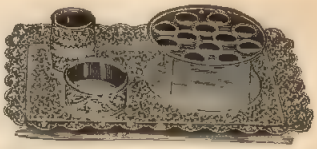
SMOKERS' SETS.



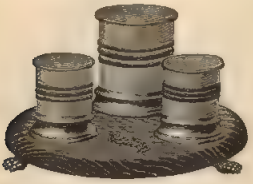
No. 813. Smoking Set, containing cigar, match cups and ash tray, 7⅜x9½ inches, all silver plated.....per doz., $12 00

No. 814. Smoking Set, containing cigar, match cups and ash tray cups, black polished with silver ornaments, ash tray black, polished with silver ornaments on base, base black, polished with overlaid silver plated metal, 7¼x9¼ inches...per doz., $16 00

No. 811. Smoking Set, containing cigar, match and ash cups and cigar holder, inside cups gold plated, 6x7⅛ inches, silver plated. .... per doz., $9 00

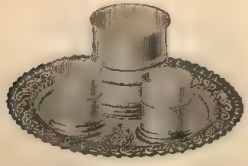


No. 812. Smoking Set, containing match and ash cups and cigar holder, inside of cups gold plated, 7⅛ x 10½ inches, silver plated.....per doz., $12 00

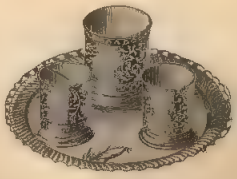


No. 25. Smoker Set 7 inch chestnut blocks with silver feet and silver cups with gold bases . ...per doz., $10 50

No. 15. Smoker Set, square silver pan and cups with gold bases, per dozen $8 50



No. 10. Smoker Set, round silver pan and cup with gold bases, per dozen $6 00



No. 20. Smoker Set, round silver pan with gold cups and silver bands and gold bases..... ....per doz., $10 50

READ THE PREFACE BEFORE ORDERING.

On orders for $50 00 or over, for Holiday Goods only, pages 1 to 113 (to those who have established credit with us), bills will be dated Nov. 1, 1883. No charges made for Boxes and Cartage.

SINGLE BREECH-LOADING SHOT GUNS.

Fig No D6983.

Winchester Repeating, Lever Action, 6 Shots, Rolled Steel Barrel, Plain Pistol Grip Stock, Barrels 30 and 32 in., Choke Bored.

Length of Stock 12¾ in., Drop of Stock 2⅝ in.

	EACH.
No. W10—10 Gauge, Weight about 9 lbs.,	$25.00
No. W12 12 " " " 8 "	25.00
Any variation of Stock, to order,	10.00

Fig No D6984

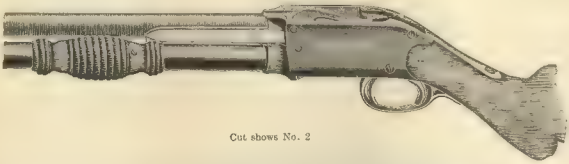
Winchester Repeating, Model 1893, 6 Shots, Plain Pistol Grip Stock, Barrels 30 and 32 in., Choke Bored.

Length of Stock 12¾ in., Drop of Stock 2⅝ in.

	EACH.
No. 9312—12 Gauge, Weight about 7¾ lbs., Rolled Steel Barrel,	$25.00
No. D9312—12 " " " 7¾ " 3 Blade Damascus Steel Barrel,	40.00
Any variation of Stock, to order,	10.00

Ten in a Case.

Fig No D6985



Cut shows No. 2

New Model, Spencer Repeating Shot Guns, 6 Shots, Choke Bored.

	EACH.
No. 1 Spencer, Fine Damascus Barrel, French Walnut Stock, Checkered Pistol Grip, Case Hardened Frame, Rubber Butt, Hard Rubber Slide, **12 Gauge,** 30 and 32 inch Barrels, Weight 7½ to 8 lbs.,	$50.00
No. 2 Spencer, Same as No. 1 Spencer, except **Twist Barrel,**	25.00

Fig No D6986

Zulu.

	EACH.
Zulu Enfield Barrels, **12 Gauge, Barrel 34 in.,** Weight 8½ lbs.,	$6.00

Use any Regular Brass or Paper Shell.

Forty in a Case.

SIMMONS HARDWARE COMPANY

REMINGTON HAMMERLESS GUNS.

Fig No D6880.

With Automatic Ejector.

Damascus Barrels, 30 and 32 in., English Walnut Half Pistol Grip Stock, Case Hardened Frame and Mountings, Automatic Safety, Purdy Fore-end, Triple Bolt, Extension Rib with Bite, Flat Matted Rib, Weight, 12 Gauge, 6¾ to 8 lbs; 10 Gauge, 8½ to 9½ lbs.

		EACH.
No. RAE10—10 Gauge,	Two Stripe Damascus Barrels, Plain Finish,	$67.50
No. RAE12—12 "	Same as No. RAE10,	67.50

Fig No D6881

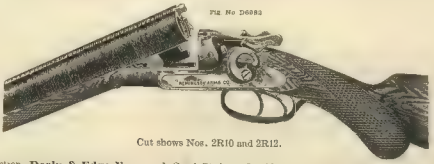
Without Automatic Ejector.

Damascus Barrels, 30 and 32 in., English Walnut Half Pistol Grip Stock, Case Hardened Frame and Mountings, Automatic Safety, Purdy Fore-end, Triple Bolt, Extension Rib with Bite, Flat Matted Rib, Weight, 12 Gauge, 6¾ to 8 lbs; 10 Gauge, 8½ to 9½ lbs.

		EACH.
No. RA10—10 Gauge,	Two Stripe Damascus Barrels, Plain Finish,	$45.00
No. RA12—12 "	Same as No. RA10,	45.00

Remington New Model Hammer Guns.

Fig No D6882



Cut shows Nos. 2R10 and 2R12.

Top Lever Action, **Deely & Edge Fore-end,** Solid Strikers, Double Bolt, Extension Rib, Matted, Pistol Grip, Rubber Butt, Finely Case Hardened Mountings, **New** Style Low Circular Hammers, both Barrels Choked, 30 and 32 in. Barrels.

		EACH.
No. 1R10—10 Gauge,	Decarbonized Steel Barrels, 8¼ to 10¼ lbs.,	$26.87
No. 1R12—12 "	" " " 7¼ to 9 "	26.87
No. 2R10—10 "	Fine Twist Barrels, 8½ to 10¼ lbs.,	33.00
No. 2R12—12 "	" " " 7¼ to 9 "	33.00
No. 3R10—10 "	Damascus " 8¼ to 10¼ "	35.62
No. 3R12—12 "	" " 7¼ to 9 "	35.62
For Drop of Stock over 3½ in., add		5.00

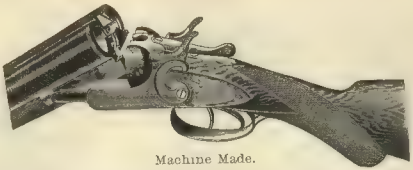
Extra Drop furnished only to Special Order from Factory.

Ten in a Case.

SIMMONS HARDWARE COMPANY

ROYAL GUN WORKS.

Fig. No. D6955.

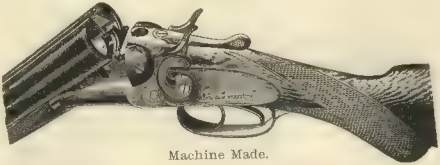


Machine Made.

Top Snap, Steel Barrels Stamped Laminated, Bar Rebounding Locks with Steel Works, Extension Rib, Double Notch, New Style Circular Hammers, Pistol Grip, Rubber Butt, Improved Patent Snap Fore-end, Cylinder Bored, Barrels 30 and 32 inch.

	EACH.
No. 1710—10 Gauge, Weight 8¼ to 10 lbs.,	$21.00
No. 1712—12 " " 7¼ to 8¾ "	20.25
No. 1716—16 " " 6½ to 7½ "	20.25

Fig. No. D6957

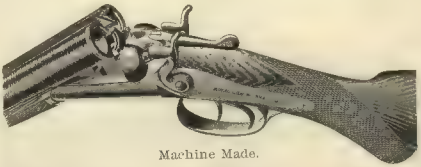


Machine Made.

Top Snap, Steel Barrels Stamped Laminated, Bar-Back Action Rebounding Locks with Steel Works, Extension Rib, New Style Circular Hammers, Pistol Grip, Rubber Butt, Improved Patent Snap Fore-end, Cylinder Bored, Barrels 30 and 32 inch.

	EACH.
No. 2110—10 Gauge, Weight 8¼ to 10 lbs.,	$19.50
No. 2112—12 " " 7¼ to 8¾ "	18.75

Fig. No. D6958.



Machine Made.

Top Snap, **Laminated** Steel Barrels, Milled at Breech, **Extension Rib, Matted,** two Through Lumps, Checkered, Double Notch, **Rebounding** Back Action Locks with Steel Works, Polished Case Hardened Frame and Locks, Checkered, Oiled Walnut Pistol Grip Stock, Rubber Butt, Improved Patent Snap Fore-end, Nicely Checkered, Large Head Striking Pins, Cylinder Bored.

	EACH.
No. 1610—10 Gauge, 30, 32 and 34 in. Barrels, Weight 8¼ to 10 lbs.,	$16.50
No. 1612—12 " **30, 32** " **34 in.** " " 7¼ to 8¾ "	15.75
No. 1612—12 " **36, 38** " **40 in.** " " 7¼ to 8¾ "	18.00
No. 1616—16 " **30, 32** " **34 in.** " " 6½ to 7½ "	15.75
No. 1616—16 " **36 and 38 in. Barrels,** Weight 6½ to 7½ lbs.,	18.00

For Price of Choke Boring see Page 1443. **All Royal Gun Works Guns will open while at Full Cock.**

HAND MADE BREECH-LOADING SHOT GUNS.

As good as any Hand Made Guns, but not recommended or guaranteed in any way.

Fig. No D9959

Cut showing D & E. Fore-end.

Richards.

Hand Made, Top Snap, Steel Barrels, Stamped **Damascus,** Extension Rib, Matted, two Through Lumps, Checkered, Bar Rebounding Locks, Low Circular Hammers, **Cross Bolt,** Double Notch, Polished Case Hardened Frame, Oiled Walnut Pistol Grip Stock with Rubber Cap, Rubber Butt Plate, **Deely and Edge Fore-end, Finely Finished and Engraved,** Barrels 30 and 32 inches, Cylinder Bored

		EACH
No. 3310—10 Gauge, Weight 8½ to 10 lbs.,	. . . . .	$27.00
No. 3312—12 " " 7¼ to 8¾ "	. . . . .	25.00
No. 3316—16 " " 6¾ to 7 "	. . . . .	26.00

Fig No D9940

Richards.

Hand Made, Top Snap, Steel Barrels, Stamped **Damascus,** Extension Rib, Matted, two Through Lumps, Checkered, Bar Rebounding Locks, Low Circular Hammers, Double Notch, Polished Case Hardened Frame, Oiled Walnut Pistol Grip Stock with Rubber Cap, Rubber Butt Plate, Patent Snap Fore-end, **Finely Finished and Engraved,** Barrels 30 and 32 inches, Cylinder Bored

		EACH.
No. 3110—10 Gauge, Weight 8½ to 10 lbs.,	. . . . .	$23.00
No. 3112—12 " " 7¼ to 8¾ "	. . . . .	22.00
No. 3116—16 " " 6¾ to 7 "	. . . . .	22.00

Fig No D9991.

Richards.

Hard Made, Top Snap, Steel Barrels Stamped Laminated, **Extension Rib,** two Through Lumps, Checkered, **Bar Rebounding** Locks, Low Circular Hammers, Polished Case Hardened Frame, Checkered Oiled Walnut Pistol Grip Stock, Rubber Butt, Patent Snap Fore-end, Large Head Striking Pins, Cylinder Bored.

		EACH
No. 2910—10 Gauge, 30 and 32 in. Barrels, Weight 8½ to 10 lbs.,	. . . . .	$17.50
No. 2912—12 " **30** " **32 in.** " " 7¼ to 8¾ "	. . . . .	16.50
No. 2916—16 " **30** " **32 in.** " " 6¾ to 7 "	. . . . .	16.50

For Price of Choke Boring see Page 1443.

Scroll Saws.

THE RIVAL.

Fig 780

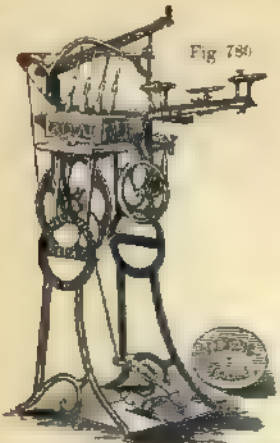
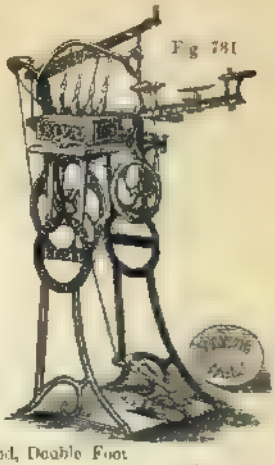


Fig 781

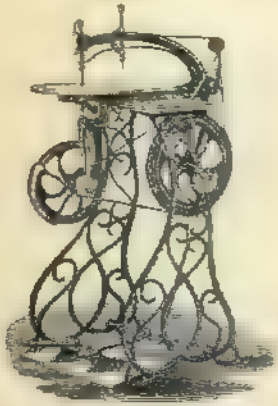


No 1. Rival Scroll Saw, Nickel-plated Tilting Table, with Drill Attachment Stand, Double Foot Treadle, One-half Dozen Extra Saw Blades, Twist Drill and Wrench, - each, $10 00
2. Rival Scroll Saw, same as No. 1, without Drill Attachment, - - " 8 00
Extra for Lathe, - - - - - - - - - " 3 00

One Saw Packed in a Crate.

THE CHALLENGE.

Fig 782



THE NEW ROGERS

Fig 78

THE CHALLENGE LATHE.

Fig. 784.

No 1, Challenge Scroll Saw, Nickel-plated, Complete, with Fancy Stand, Drill Attachment, Tilting Table, Double Foot Treadle Blower, Presser Foot, One-half Dozen Extra Saw Blades, Twist Drill and Wrench, all set up and crated ready for shipment, each, $20 00
2, The same as No. 1, without Stand, - - - " 16 50
3, The same as No. 1, without Stand or Drill Attachment, - - " 13 50
Extra for Lathe, - - - - - - " 5 00
No. 1, New Rogers Scroll Saw, with Iron Balance Wheel, - - - " 8 50

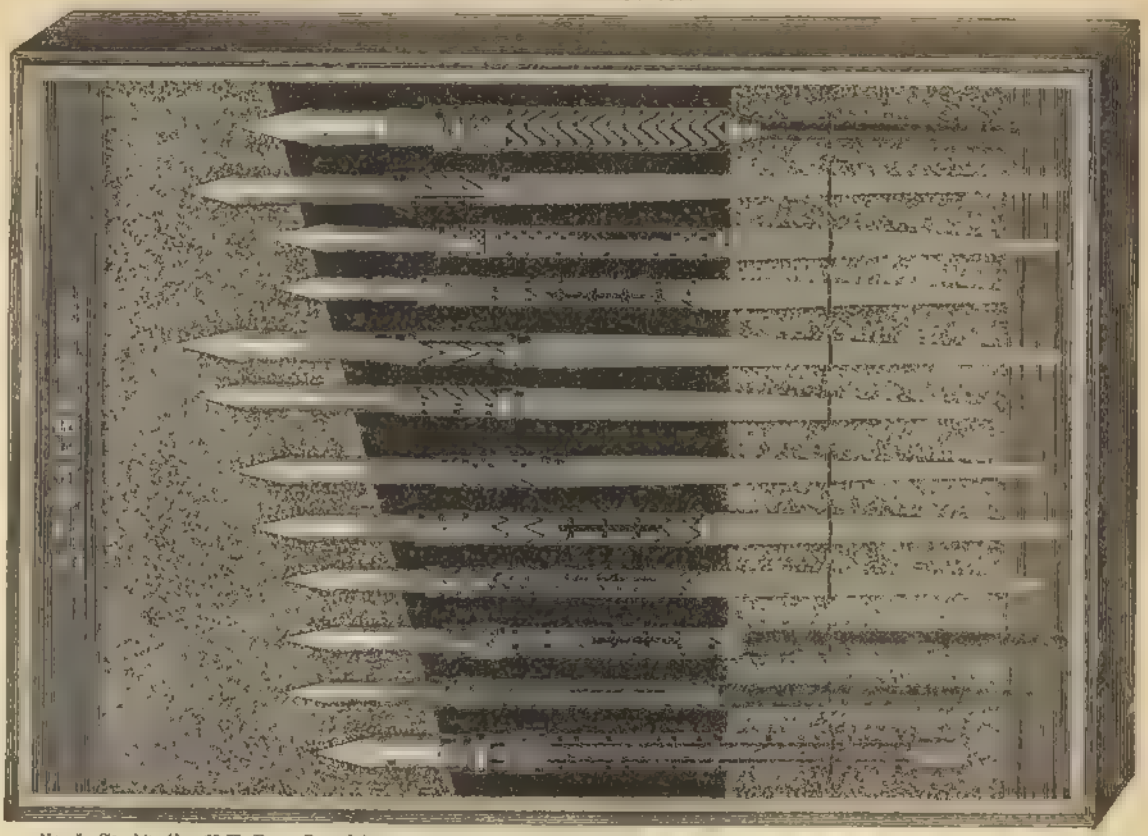
Gold Pens and Holders Outfit.

BEST QUALITY. ROLLED GOLD PLATE HOLDERS AND GOLD PENS COMBINATION IN PLUSH LINED POLISHED WALNUT TRAY WITH COVER. NO CHARGE FOR TRAY. LIST PRICE PER OUTFIT.

No. 5 & 6 COMBINATION

CONTAINS

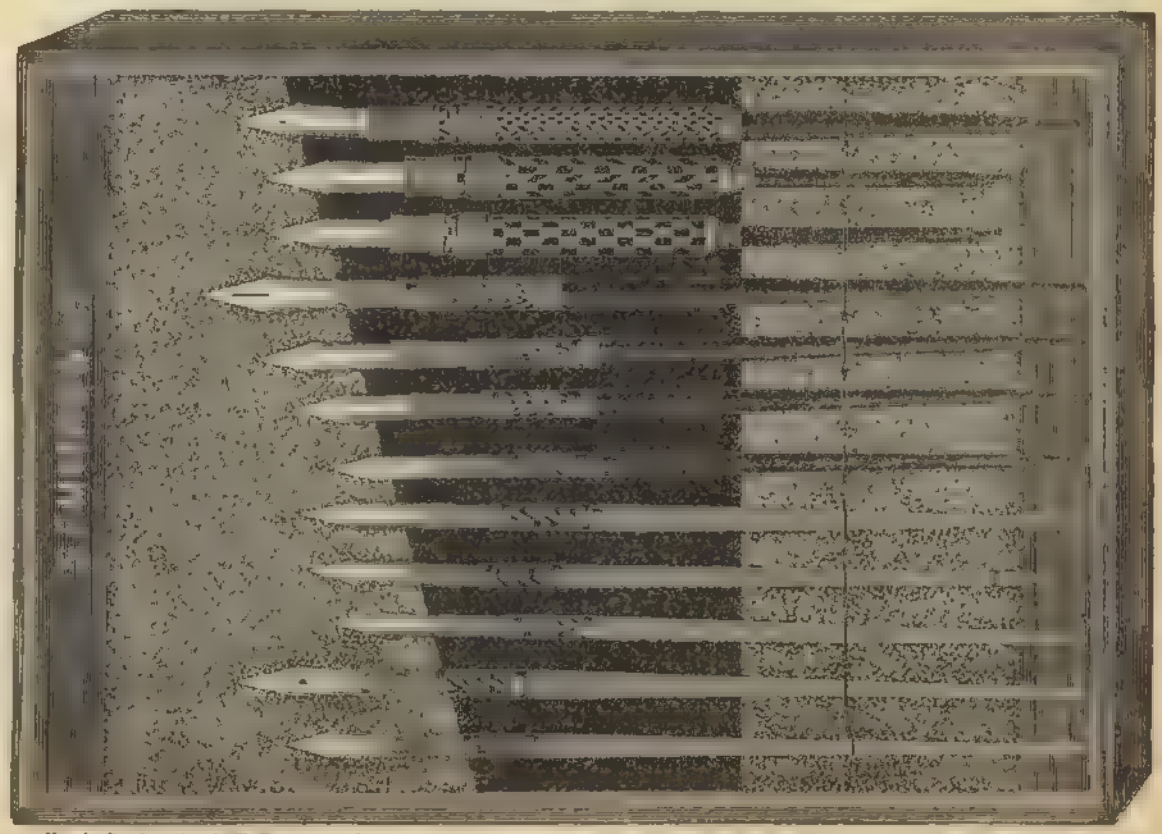
- 1 No. 5 Gold Pen in Rolled Plate, Screw and Slide Holder, with Pencil
- 1 No. 2 Gold Pen in Ebony Slide Holder.
- 1 No. 3 Gold Pen in Ebony Slide Holder
- 1 No 2 Gold Pen in Ivory Slide Holder
- 1 No 3 Gold Pen in Ivory Slide Holder
- 2 No 4 Gold Pens in Ivory Desk Holder.
- 1 No. 5 Gold Pen in Ivory Desk Holder
- 1 No. 2 Gold Pen in Pearl Slide Holder
- 1 No. 3 Gold Pen in Pearl Slide Holder.
- 1 No. 4 Gold Pen in Pearl Desk Holder
- 1 No. 6 Gold Pen in Ebony Telescopic Holder.



No. 5 Combination 10 K. Pens, Complete ..... Each, $26 98
No 6 " 14 K " " ..... " 32 75

No. 4 & 7 COMBINATION

- 1 No. 2 Gold Pen in Pearl Desk Holder
- 1 No. 3 Gold Pen in Pearl Desk Holder
- 2 No. 2 Gold Pens in Ivory Desk Holder
- 1 No. 3 Gold Pen in Ivory Desk Holder
- 1 No 2 Gold Pen in Ebony Desk Holder
- 1 No. 3 Gold Pen in Ebony Desk Holder
- 1 No. 4 Gold Pen in Ebony Desk Holder
- 1 No. 5 Gold Pen in Ebony Desk Holder
- 1 No. 4 Gold Pen in Ebony Telescopic Holder
- 1 No. 5 Gold Pen in Ebony Telescopic Holder
- 1 No. 5 Gold Pen in Ebony Slide Holder.



No. 4 Combination 10 K. Pens, Complete ..... Each, $22 20
No. 7 " 14 K. " " ..... " 28 75

ITEMIZED LIST INVOICE ACCOMPANIES EACH CASE.

Fountain Pens and Silver Pencils.

BEST QUALITY AND FINELY FINISHED. LIST PRICES EACH.

No. 74. Hard Para Rubber, Self-flowing Fountain Pen, with No. 2 14 K. Pen $2 85
No. 75. " " " " with Gold Bands, with No. 2 14 K. Pen 3 75

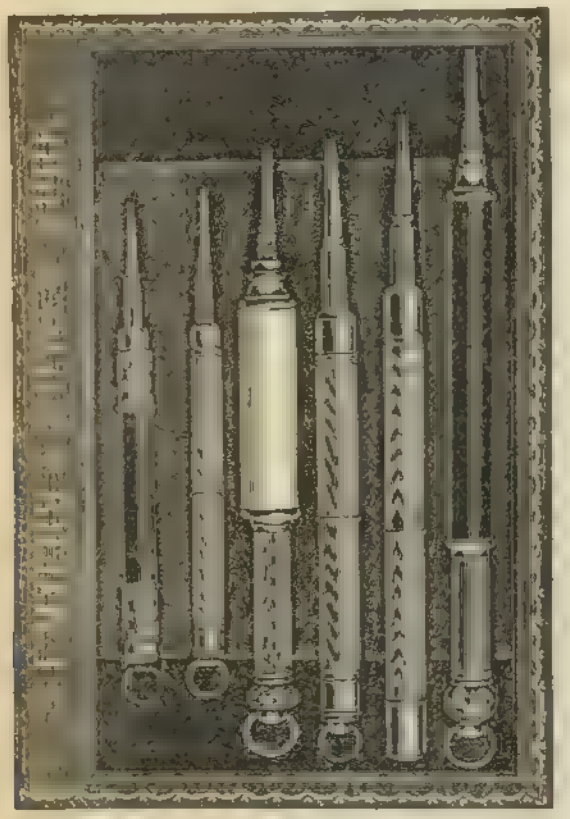
No. 78. Hard Para Rubber, Self-flowing Fountain Pen, with No. 4 14 K. Pen $3 45
No. 169. " " " " with Gold Bands, with No. 4 14 K. Pen 4 35
Each Pen put up in box with Filler

No. 184 ..... $3 75
Sterling Silver Chased Pencil, Lead Propels and Repels by Turning End.

No. 89 ..... $2 85
Sterling Silver Fluted Pencil, Lead Propels and Repels by Turning End.

Fine Rolled Gold Plate Pencil Outfit.

BEST QUALITY IN VELVET LINED TRAYS. LIST PRICES EACH.



No. 101 Combination of 8 Pencils, Complete Each, $5 00

No. 101 Combination contains:

1 Enameled Charm Pencil,
2 Rolled Plate Charm Pencils,
1 Enameled Charm Pencil,
1 Rolled Plate Round Pencil,
1 Ivory Charm Pencil

No. 100 Combination contains:

1 Enameled Charm Pencil,
1 Pearl Charm Pencil,
1 Stone Head Charm Pencil,
3 Rolled Plate Charm Pencils,
1 Rolled Plate Round Pencil,
1 Enameled and Gold Charm Pencil,
1 Celluloid Black Charm Pencil,
2 Ivory Charm Pencils,
1 Enameled Screw Pencil,

No. 100. Combination of 12 Pencils, Complete Each, $15 12

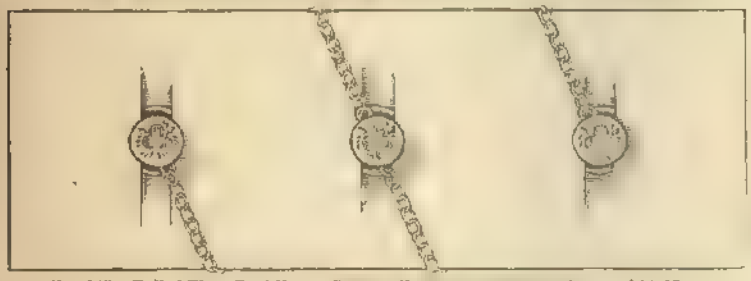
ITEMIZED LIST INVOICE ACCOMPANIES EACH CASE.

Button and Pin Sets.

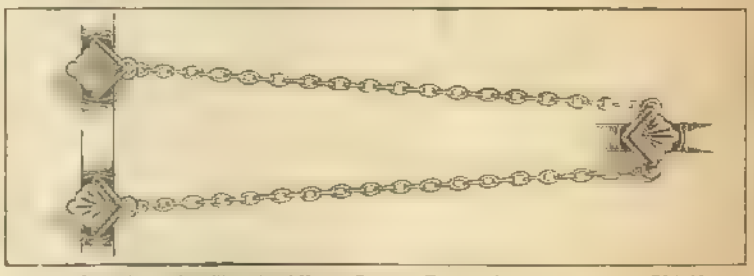
STERLING SILVER AND ROLLED GOLD PLATE. LIST PRICES PER DOZEN SETS.

No. 3321 Rolled Gold Plate, Roman Finish $26 25

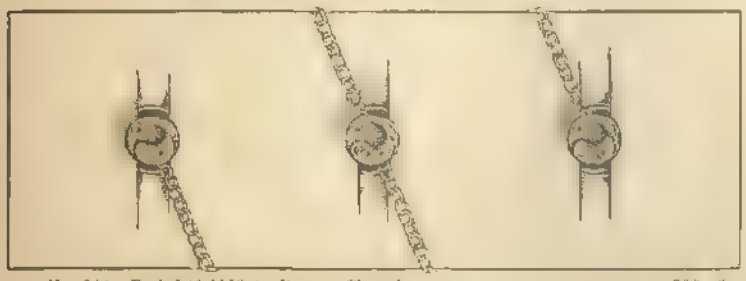
No. 2415 Sterling Silver Satin Bright Cut $30 00



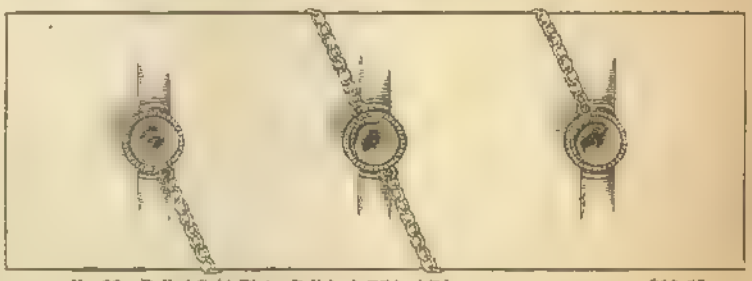
No. 243. Rolled Plate Gold Front, Roman Finish and Engraved $22 50



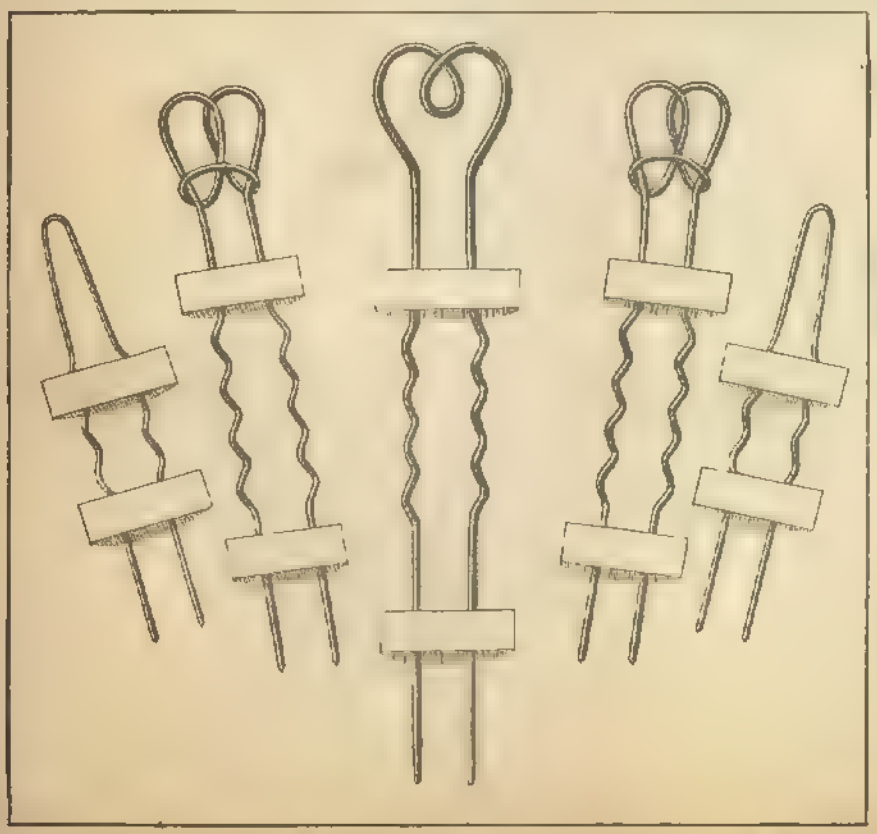
No. 245 Rolled Plate Gold Front, Roman Engraved . $26 25



No. 244. Rolled Gold Plate Roman Chased $22 50



No. 30. Rolled Gold Plate, Polished, Ribbed Edge..... $18 75

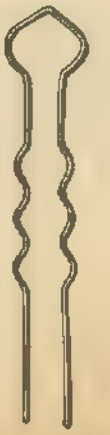


No. 2569 Plain Polished Wire Dozen Sets .. $22 50

Rolled Plate Hair Pins.

BEST QUALITY. LIST PRICES PER DOZEN AND DOZEN SETS.

No. 2567 . $4 70
Plain Polished Wire.



No. 2568.... ... .. $1 58
Plain Polished Wire.

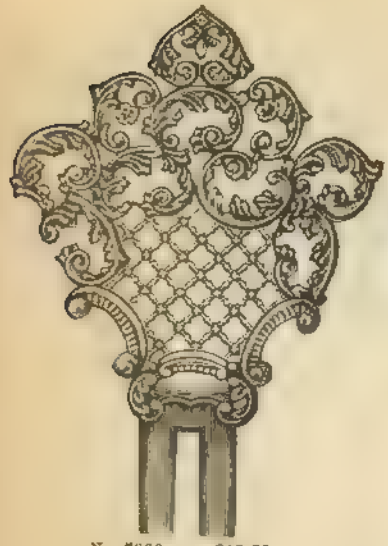
No. 2502.. . .... .$12 12
Plain Polished Wire.

Solid Gold Hair and Hat Pins.

NEWEST STYLES. FINELY FINISHED

HAIR PINS HAVE CELLULOID AMBER PRONGS. HAT PINS SOLID GOLD PRONGS

LIST PRICES EACH.

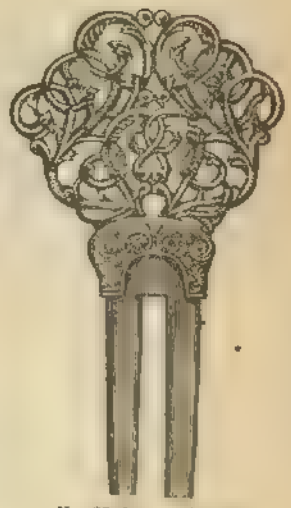


No. 3066. $18 75
Roman, Chased.

No. 3064 . ... $14 38
Roman, Chased.
No. 3063 ... . $8 46
Smaller Size.

No. 3028 $8 13
Roman, Chased

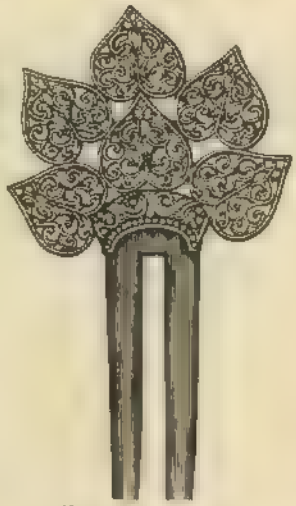
No. 3061 $16 18
Roman, Chased, and Enameled



No. 3065 $11 88
Roman, Chased

No. 3078 .....$20 00
Polished, Chased.

No. 3069 .$10 63
Roman, Chased.



No. 3068 . .....$7 83
Roman, Filigree.

No. 3067..... .$15 00
Polished, Chased.

No. 3019. $7 83
Roman, Chased

No. 3075 $11 25
Polished, Chased

No. 3076 ..$11 75
Roman, Chased.

No. 3041 . $9 38
Roman and Polished Turquoise and Pearls Inlaid.

No. 3060 ..$5 00
Roman, Matted, Real Pearl Center.

No. 3059 $4 70
Roman, Chased.

No. 3020 . .$6 88
Roman, Chased.

No. 3033 .$7 50
Roman, Chased

HOLSTERS.

Fig No D7419.

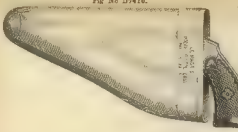
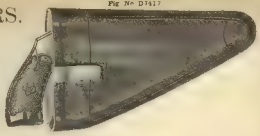


Fig No D7417



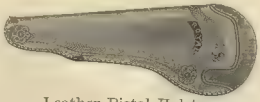
Rubber Pocket Pistol Cases.

	PER DOZEN.
No. 01—Small, 3¾ in. wide, 6 in. long,	$6.00
No. 02—Medium, 4½ " 7 "	7.50
No. 03—Large, 5½ " 8 "	9.00

With Clips to Catch on Waist Band to use as Outside Holster.

	PER DOZEN.
No. 04—Small, 3¾ in. wide, 6 in long,	$ 7.50
No. 05—Medium, 4½ " 7 "	9.00
No. 06—Large, 5½ " 8 "	10.50

Fig No D7418



Leather Pistol Holsters.

Royal Mfg. Co., Fair Leather, Embossed, with Loop on Back, Well Made.

	PER DOZEN.
No. 7 4, 4¾, 5 and 6 in. long, for Colt's Army, New Navy and S. & W. 44,	$ 4.50
No. 8—7½ in. long, for Colt's Army,	5.50
No. 9 Chamois Lined, 4, 4¾, 5 and 6 in. long, for Colt's Army, New Navy and S. & W. 44,	9.00
No. 10— " " 7½ in. long, for Colt's Army,	10.00
No. 11 3½ in. long, for Colt's Double Action, 38 and 41,	4.00
No. 12—4½ " " " " 38 " 41,	4.50
No. 13 5 " " " " 38 " 41,	4.80
No. 14 6 " " " " 38 " 41,	4.00
No. 15 3¼ " for S. & W. Double Action, 38,	4.00
No. 16 4 " " " " " 38,	4.20
No. 17—5 " " " " " 38,	4.50

Fig No D7420

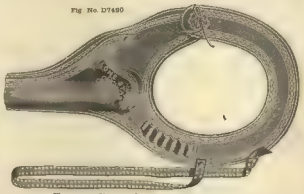


Fig No D7419

Olive Pistol Holsters.

Fair Leather, Embossed, with 2 Straps.

	PER DOZEN.
No. 1 4, 4¾, 5 and 6 in. long,	$ 8.00
No. 2 7½ in. long,	8.50
No. 3 Chamois Lined, 4, 4¾, 5 and 6 in. long,	15.60
No. 4— " " 7½ in. long,	16.00

Lone Star Pistol Holsters.

Fair Leather, Embossed, with Shoulder Strap.

	PER DOZEN.
No. 5 3½, 3¾, 4, 4¾, 5 and 6 in. long,	$14.40
No. 6 Chamois Lined, 3¼, 3¾, 4, 4¾, 5 and 6 in. long,	16.50

In Ordering be particular to mention Length, Caliber and Name of Revolvers for which Holsters are wanted.

HOLSTER CLASPS.

Fig No D7421

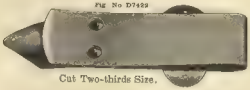
PER DOZEN.

No. 26 Holster Clasps, Spring Steel, Nickel Plated, $2.00

One Dozen in a Box.

HOLSTER SPRINGS.

Fig No D7422



Cut Two-thirds Size.

Jacob's Patent Holster Springs, for Carrying Pistol Holsters.

	PER DOZEN.
No. 25—German Silver,	$18.00

SIMMONS HARDWARE COMPANY

CARTRIDGE BELTS.

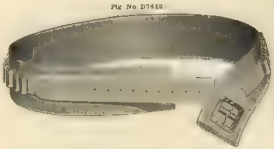
Fig No D7411

The Mills Woven Cartridge Belts.

								PER DOZEN
No. M6	-32	Caliber,	Width of Belt	2¼ in.,	Length of Loop	1⅜ in.,	.	$20.00
No. M7	38	"	" "	2¼ in.,	" "	1⅜ in.,		20 00
No. M8	44	"	" "	2¾ in.,	" "	1⅞ in.,	.	20 00
No. M14	45	"	" "	3 in.,	" "	2 ⅛ in	.	20 00
No. M17	-32	"	" "	3 in.,	" "	2 in.,		20.00
No. M18	38	"	" "	3 in.,	" "	2 in ,		20.00
No. M19	-40	"	" "	3 in.,	" "	2 in ,	.	20.00

One in a Box.

Fig No D7412.



Royal Mfg. Co. Money Cartridge Belts.

Fair Leather, Hand Stitched, Extra Sewed, Leather Loops, Extra Fine Material, **Light Weight,** Plain, Nickel Plated Buckle.

			PER DOZEN.
No. 21	2	in., .	$14.50
No. 22	2½	in.,	17.60
No. 23	3	in.,	16.80

Fig No D7413.

Royal Mfg. Co. Cartridge Belts.

Fair Leather, Plain, Bright Buckle, **Leather Loops.**

Nos.,	15	16	17	18	19	20
Width, inches,	1¼	1¾	2	2½	3	3½
Per dozen,	$6.00	7.00	7.50	8.50	9.00	9 50

Plain Belts.

Fair Leather, Plain, Bright Buckle, **without Loops.**

Nos.,	13	14
Width, inches,	1¼	1½
Per dozen,	$3.50	3.00

PER DOZEN.

Packed Loose.

In Ordering, be particular to state for what Size Cartridges, Belts are wanted.

HUNTERS' SHEATHS.

Fig No D7414

Sheaths and Belts for Hunters' Hatchets.

PER DOZEN.

No. 2 Sheaths and Belts, First Quality Leather, for Hunters' Hatchets, ... $12.00

HOLSTERS.

Fig. No D7415.

Police Holsters.

Royal Mfg. Co., Fair Leather, Embossed.

PER DOZEN.

No. 18 Leather, 4½, 5 and 6 in. long, for Colt's Revolvers, ... $9.00

In Ordering, state Length of Barrel and Style of Revolver.

Packed Loose.

Silver Chronographs, Etc.

LIST PRICES EACH.

Engine Turned or Fancy Engraved.

No 553. Silver, Open Face, Stem Wind, 16 Jewel Lever, Nickel Movement, with 1-5 Second, Start, Stop and Flyback Attachment Minute Register, $51 95
No 554 Same without Minute Register 41 88

Engine Turned.

No 555. Silver, Open Face, Stem Wind, 16 Jewel, Lever, Nickel Movement, 1-5 Second, Start, Stop and Flyback Attachment $51 88
No. 555½ Same, 10 Jewel Movement 41 88

Engine Turned or Engraved Case.
Showing Back.

No. 556. Silver, Open Face Stem Wind 16 Jeweled Lever Movement with Start 1-5 Second Start, Stop and Flyback Attachment $ 65 20
No 557 Same, Finest Quality, Minute Register. 117 50

Vermicelli Border, Engraved.

16 Size Screw Back and Bezel, Open Face, Stem Wind and Set

No 2558 Rolled Gold Plate Case with Regular Lever, 16 Jeweled Movement, with 1-5 Second, Stop and Flyback Attachment. Warranted to wear 5 to 10 years $34 13
No 2559 Same Movement in 10 K Gold Filled Case Warranted to wear 15 years 43 13
No 2560 Same Movement, 14 K Gold Filled S. B. & B Case. Warranted to wear 20 years 70 63

Oxidized Steel, Silver Bezels.

Calendar Dial showing Date Day of the Week Phases of the Moon; has Fancy Hour Hands Black Oxidized Steel Back and Center, and raised Fancy Silver Bezels.

No 2661 19 Ligne Open Face, Lever 15 Jewel Movement $[illegible]
No. 2662 19 Ligne, Open Face, Lever 15 Jewel Movement 30 00

Oxidized Steel.

Calendar Dial, Showing Date Day of the Week Phases of the Moon; has Fancy Hour Hands Black Oxidized Back, Center and Bezels

No 663. 19 Ligne, fine Nickel Jeweled Cylinder Movement $16 88
No 664. 19 Ligne fine Nickel 15 Jeweled Lever Movement 30 63

A FULL LINE OF ALL WATCH MATERIALS WILL ALWAYS BE FOUND IN OUR TOOL AND MATERIAL DEPARTMENT. REFER TO OUR SPECIAL ILLUSTRATED CATALOGUE, SENT FREE ON APPLICATION.

10 K. and 14 K. Gold and Gold Filled Cases.

LIST PRICES EACH.

AMERICAN CHATELAINE GOLD WATCHES.

Plain or Satin Finish, with one Diamond.
0 Size Stem Wind. Back View.
½ Open Face. 14K.

No. Z438. CASE ALONE $41 13
or case with either of the following movements:
J. Am. Walt., 7 Jew., Gilt 52 38
L. " 11 " " 55 50
W. " 11 " Nickel. ... 56 76
H. " 11 " "
Breguet Hair-Spring. 58 63
K. Am. Walt., 15 Jew., Nickel. 66 13
S. " 17 " " Adj. ... 91 13

Engine Turned.
0 Size Stem Wind. Back View.
½ Open Face. 14K. 10K.

No. Z439. CASE ALONE $24 00 $18 75
or case with either of the following movements
J. Am. Walt., 7 Jew., Gilt. 35 25 30 00
L. " 11 " " 38 38 33 13
W. " 11 " Nickel. 39 63 34 38
H. " 11 " "
Breguet Hair-Spring... 41 50 36 25
K. Am. Walt., 15 Jew., Nickel 49 00 43 75
S. " 17 " " Adj. 74 00

Plain or Satin Finish.
0 Size Stem Wind. Front View.
½ Open Face. 14K. 10K.

No. Z440. CASE ALONE $24 00 $ 8 75
or case with either of the following movements:
J. Am. Walt., 7 Jew., Gilt. 35 25 30 00
L. " 11 " " 38 38 33 13
W. " 11 " Nickel. 39 63 34 38
H. " 11 " "
Breguet Hair-Spring.... 41 50 36 25
K. Am. Walt., 15 Jew., Nickel. 49 00 43 75
S. " 17 " " Adj. 74 50 68 75

Assorted Fancy Engraved.
0 Size Stem Wind. Back View
½ Open Face. 14K 10K

No. Z441. CASE ALONE $26 50 $22 50
or case with either of the following movements
J. Am. Walt., 7 Jew., Gilt 37 75 32 75
L. " 11 " " 40 88 36 88
W. " 11 " Nickel 42 13 38 13
H. " 11 " "
Breguet Hair Spring 44 00 40 00
K. Am. Walt., 15 Jew., Nickel 54 50 47 50
S. " 17 " " Adj 76 50 72 50

AMERICAN 10 AND 14 K. GOLD FILLED CHATELAINE WATCHES.

Engine Turned.
Back View. ½ Open Face.
Warranted to wear 20 yrs. 15 yrs.

No. Z442. CASE ALONE .$11 25 $10 00
or case with either of the following movements:
J. Am. Walt., 7 Jew., Gilt. 22 50 21 25
L. " 11 " " .. 25 63 24 38
W. " 11 " Nickel. 26 88 25 63
H. " 11 " "
Breguet Hair-Spring 28 75 27 50
K. Am. Walt. 15 Jew., Nickel 36 25 35 00
61 25 60 00

Plain Polished or Satin Finish.
Front View. ½ Open Face.
Warranted to wear 20 yrs. 15 yrs.

No. Z443. CASE ALONE $11 25 $10 00
or case with either of the following movements:
J. Am. Walt., 7 Jew., Gilt 22 50 21 25
L. " 11 " " . 25 63 24 38
W. " 11 " Nickel. 26 88 25 63
H. " 11 " "
Breguet Hair-Spring 28 75 27 50
K. Am. Walt., 15 Jew., Nickel 36 25 35 00
61 25 60 00

Fancy Engraved.
Back View. ½ Open Face.
Warranted to wear 20 yrs. 15 yrs.

No. Z444. CASE ALONE. $12 50 11 25
or case with either of the following movements:
J. Am. Walt., 7 Jew., Gilt 23 75 22 50
L. " 11 " " .. 26 88 25 63
W. " 11 " Nickel 28 13 26 88
H. " 11 " "
Breguet Hair Spring 30 00 28 75
K. Am. Walt., 15 Jew. Nickel 37 50 36 25
S. " 17 " " Adj. 62 50 61 25

Assorted Full Engraved.
Back View ½ Open Face.
Warranted to wear 20 yrs. 15 yrs.

No. Z445. CASE ALONE $12 50 11 25
or case with either of the following movements:
J. Am. Walt., 7 Jew. Gilt 23 75 22 50
L. " 11 " " ... 26 88 25 63
W. " 11 " Nickel. 28 13 26 88
H. " 11 " "
Breguet Hair Spring . 30 00 28 75
K. Am. Walt., 15 Jew., Nickel 37 50 36 25
S. " 17 " " Adj. 62 50 61 25

AMERICAN COIN SILVER HUNTING AND CHATELAINE WATCHES.

Engine Turned

No. Z446. CASE ALONE Hrg. $ 6 88 Sky. $ 4 38
or case with either of the following movements:
J. Am. Walt., 7 Jew., Gilt 18 13 15 63
L. " 11 " " 21 25 18 75
W. " 11 " Nickel 22 50 20 00
H. " 11 " "
Breguet Hair-Spring ... 24 38 21 88
K. Am. Walt., 15 Jew., Nickel. 31 88 29 38
S. " 17 " " Adj 56 88 54 38

Plain Polished or Satin Finish.

No. Z447. CASE ALONE Hrg. $ 6 88 Sky $ 4 38
or case with either of the following movements
J. Am. Walt., 7 Jew., Gilt 18 13 15 63
L. " 11 " " 21 25 18 75
W. " 11 " Nickel 22 50 20 00
H. " 11 " "
Breguet Hair-Spring 24 38 21 88
K. Am. Walt., 15 Jew., Nickel 31 88 29 38
S. " 17 " " Adj. 56 88 54 38

Vermicelli Center and Border, Fancy Engraved

No. Z448. CASE ALONE .$ 8 13 Sky. $ 5 13
or case with either of the following movements:
J. Am. Walt. 7 Jew., Gilt.. 19 38 16 88
L. " 11 " " 22 50 19 50
W. " 11 " Nickel 23 75 20 75
H. " 11 " "
Breguet Hair-Spring 25 63 22 63
K. Am. Walt. 15 Jew., Nickel 33 13 30 13
S. " 17 " " Adj 58 13 55 13

Vermicelli Borders and Center, Raised Colored Gold Ornaments.

No. Z449. CASE ALONE .$10 00 Hrg. $ 7 50 Sky.
or case with either of the following movements
J. Am. Walt., 7 Jew., Gilt 21 25 18 75
L. " 11 " " 24 38 21 88
W. " 11 " Nickel 25 63 23 13
H. " 11 " "
Breguet Hair-Spring 27 50 25 00
K. Am. Walt., 15 Jew., Nickel 35 00 32 50
S. " 17 " " Adj 60 00 57 50

SILVER PLATED ON STEEL.

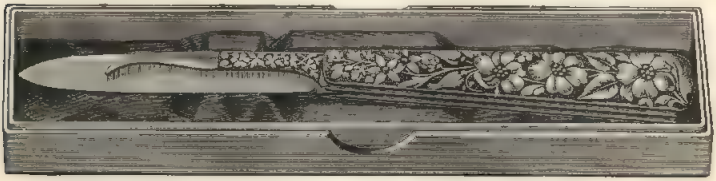
In Satin Lined Boxes. Illustrations Full Size.

No. 9. Glove Buttoner. Embossed Handle.....Per Dozen, $1.00

No. 10.
Glove and Boot Buttoner and Knife Blade.
Per Dozen.....$17.50

No. 4.
Glove and Boot Buttoner.
Etched Handle.
Per Dozen.....$8.75

No. 7.
Glove Buttoner.
Per Dozen.....$6.25



Embossed Pocket Fruit Knife and Pick.....Per Dozen, $10.00

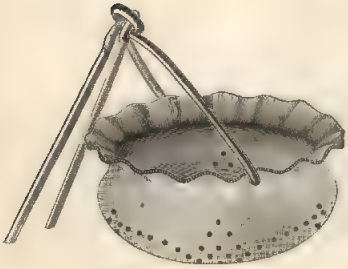
QUADRUPLE SILVER PLATED WARE.

Illustrations are Full Size.

No. 2. Knife Rest.....Per Dozen, $9.00

No. 095. Tea Ball . . Each, $4.90
Open Work Centre.

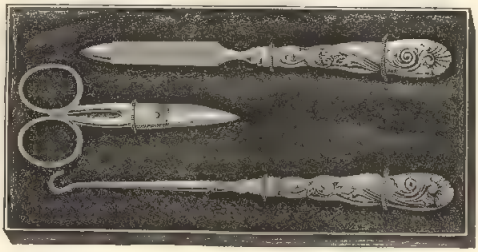
No. 28 Knife Rest.....Per Dozen. $16.20



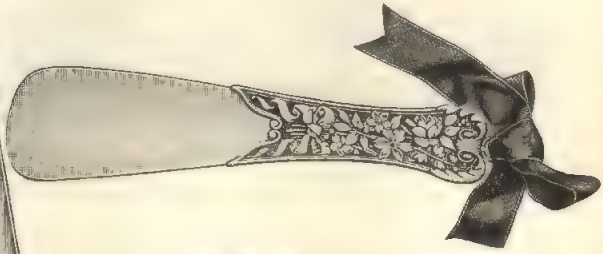
No. 035. Tea Strainer.....Each, $1.50
Satin Finish.

No. 0100. Tea Ball.....Each, $3.90
Open Work Centre

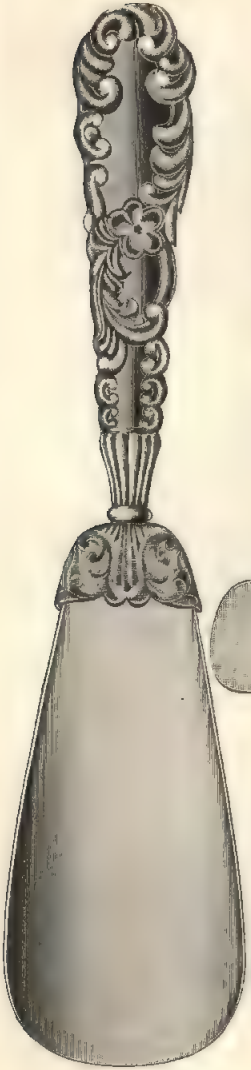
QUADRUPLE SILVER PLATED WARE.



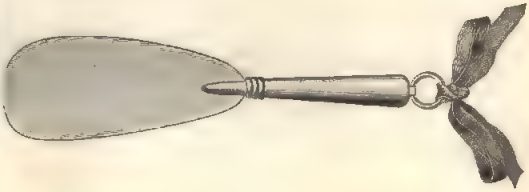
No. 506. Button Hook, Nail File, and Scissors $6.00
In Plush Lined Box. Cut ½ Size.



No. 18. Shoe Horn Embossed..... .....$2.40
Cut ½ Size.



No. 204. Shoe Horn.....$2.50
Embossed. Cut Full Size.

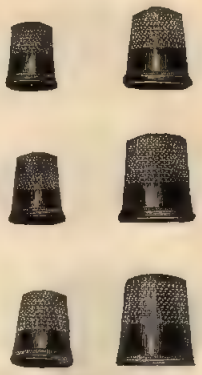


No. 24. Shoe Horn. Satin Finish.....$2.40
Cut ½ Size.

SILVER PLATED THIMBLES.

ASSORTMENT TO THE GROSS.

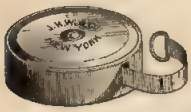
	2	3	4	5	6	7	8	9	10	11	Per gross.
No. 450 Tops									8	4	$1 10
440								6	4	2	1 65
530							5	4	2	1	1 00
550						5	4	1	1	1	95
470					5	3	1	1	1	1	90
460				4	4	2	1	1			85
401	5	4	3								80
670 Sides									8	4	1 10
640								6	4	2	1 05
650							5	4	2	1	1 00
626						1	4	2	1		95
620					5	5	1	1	1	1	90



No. 204	Steel thimble closed top		per gross,	$3 00
" 206	" " open top		"	2 00
" 208	" " closed top assorted, medium size		"	2 25
" 208	" " open top		"	2 25
" 220	" " closed top, " large sizes		"	2 65
" 220	" " open " " " "		"	2 65

THIMBLE CASES.

TAPE MEASURES.



Universal nickel plated case,	1 foot,	per doz.,	$0 65
" " " "	2 "	"	1 35
" " " "	3 "	"	1 50
" " " "	5 "	"	1 70

No. 24. Nickel plated case, spring, 36 inch per doz., $1 85
" 25. Nickel plated case spring, 60 inch per doz. $4 00

No. 26. Plastic case, spring, 36 inch per doz., $3 85
" 27. Plastic case, spring, 60 inch.....per doz., $4 00

TAILORS' MEASURES.

No. 14 12.	Common cotton	60 inches		per gross,	$1 80
" 27.	White,	" 60	tipped	"	3 25
" 435.	"	" 60		"	5 25
" 2.	Linen	60		"	5 50
" 0127.	White,	" tipped		"	4 25
" 14-20	Silesia			....per doz.,	40
" 14-15.	Sateen			"	1 75

No. 23. Pavilion case, large glass globe, 7½ inches high, enamel lined thimble, ¼ gross in case.....per gross, $6 25
" 22. Star case, 5½ inches high, glass globe, enamel lined thimble, 1/6 gross in case.....per gross, $5 00

COCO BOLA BUTTON HOOKS.

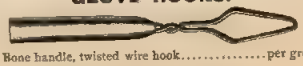
6 inch	per doz.,	$0 28
7 "	"	33
8 "	"	37
9 "	"	45
10 "	"	50

ENAMELED HANDLE.

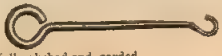
6 inch	per doz.,	$0 22
8 "	"	25
10 "	"	30

No. 0 Wire button hooks .....per gross, $0 18

GLOVE HOOKS.



No. 10. Bone handle, twisted wire hook.....per gross, $2 25



No. 11. Wire, full polished and carded.....per gross, $0 60

No. 7. Bone handle glove hook.....per doz., $1 50

Simmons Hardware Company,

LARGEST JOBBERS OF

BICYCLES

IN THE WORLD.

MAIL ORDERS

Will Receive Prompt Attention and Lowest Prices.

Fig. No. D4288

ALL SIZES.

ALL PRICES.

WRITE FOR CATALOGUE AND PRICES.

We Will Take Pleasure in Sending

SPECIAL **BICYCLE** REPRESENTATIVE

With Samples to See You.

Fig. No. D4264

ALL SIZES.

ALL PRICES.

ENTIRELY NEW IDEAS IN MECHANICAL CONSTRUCTION.

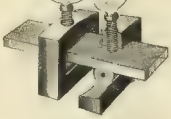
SEE OUR LINE BEFORE YOU BUY.

SIMMONS HARDWARE COMPANY.

SIMMONS HARDWARE COMPANY

SKATE SHARPENER.

Fig. No. D4976.



PER DOZEN.

No. 161 "Union" Skate Sharpener, . . . $6.00

SKATE KEYS.

Fig. No. D4974.

PER DOZEN.

Skate Keys, Malleable Iron, $0.60

SKATE HEEL PLATES.

Fig. No. D4978.

PER DOZEN PAIRS.

Skate Heel Plates, Malleable Iron, . . . $0.60

SKATE STRAPS.

Fig. No. D4977

PER DOZEN PAIRS.

No. 2 Heel, 20 in. Black, **Best Quality,** Tongue Buckle, ... $1.80

No. 3—Toe, Assorted 26 to 31 in., **Medium Quality,** Tongue Buckle, ... 2.40

One Dozen Pairs in a Bundle.

ICE CREEPERS.

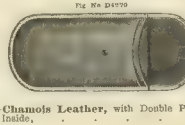
Fig. No. D4979

PER DOZEN PAIRS.

Safety, Large, for Heels 2 to 3 in., . . $3.85

SKATE BAGS.

Fig. No. D4970

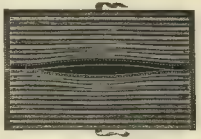


PER DOZEN.

No. 11—Chamois Leather, with Double Pocket Inside, ... $24.00

No. 22 Felt, Assorted Green and Brown, with Double Pocket Inside, . . 18.00

Fig. No. D4980.



PER DOZEN.

No. 33 Cloth, Assorted Patterns, with Double Pockets, Made of Good Cloth Remnants, $9.00

ICE SKATE TELEGRAPHIC CODE.

KINDS WANTED	SIZES, INCHES. 8	8½	9	9½	10	10½	11	11½	12
No. 1	Ant	Add	Advse	Air	Alert	Aloft	Amad	Ans se	Arms
No. 30	Bain	Back	Base	Beat	Bite	Blue	Braid	Break	Brute
No. 100	Cab	Cause	Call	Chee	Climb	Coal	Cork	Cort	Czar
No. 400	Dash	Daze	Den	Deep	Dull	Deny	Desk	Diet	Dive
No. 350	Earn	Easy	Echo	Edge	Elect	Elk	Erect	Evil	Exert
No. 91	Fair	Fan	Fake	Find	Fice	Flow	Fly	Fray	Far
No. 23	Gain	Gage	Gate	Gain	Gem	Gelt	Glare	Gent	Gory
No. 1	Hall	Have	Hasp	Hay	Heal	Heat	Hens	Hers	High
No. 2	Idea	Idle	Imp	Index	Insist	Intent	Intre	Ire	Isle
No. 3	Jag	Jail	Jam	Jeer	Jill	Jam	Jolt	Jet	Lunx
No. 4	Ken	Kal	Keep	Kite	Knab	Knit	Knob	Knott	Koran
No. 26	Lace	Lad	Lift	Leak	Lied	Legs			
No. 40	Mad	Mas	Mane	Mask	Meat	Milk			
No. 42	Nap	Nasty	Nave	Nest	Night	Nion			
No. 600	Urn	Unit	Ugly	Use	Upon	Upon			
No. 42	Yes	Yes	Yon	Yerp	Year	Yary			
No. 46	Tag	Tail	Tank	Tell	Tear	Tamp			
No. 67	Wad	Wad	Ware	Wash	Were	Wall			
No. 7	Obs	Oath	Obey	Odor	Oil	Opal			
No. 8	Pace	Pain	Pale	Pay	Peat	Peak			
No. 9	Bag	Ram	Rat	Red	Rose	Rude			

Number of Pairs Wanted	
1 Pair	Sark
2 "	Sail
3 "	Shoe
4 "	Sand
5 "	Sap
6 "	Sash
8 "	Scab
10 "	Soar
12 "	Send
15 "	Sell
20 "	Sent
25 "	Shan
30 "	Shoe
40 "	Sole
50 "	Silk
60 "	Sure
70 "	Say
80 "	Sole
75 "	Span
100 "	Spry
200 "	Slop
250 "	Stay
300 "	Soup
400 "	Slow
500 "	Stub

Directions for Use.

Before writing the Telegram, write the order you wish to telegraph for; then refer to the Key and pick out the words to correspond to the order.

EXAMPLE:—"Express" or "Freight" (as the case requires) Sear, Aloft; Shan, Bite; Span, Hasp.

INTERPRETATION:—Express or Freight; 10 pairs No. 0, 10½ inch, 25 pairs No. 00, 10 inch, and 75 pairs No. 1, 9 inch.

AXLE GREASE.

Fig. No. D5448.

"S. H. Co. Run Easy".

TRADE MARK REGISTERED.

PER GROSS.

No. 10—"S. H. Co. Run Easy", in 1 lb. Round Wooden Boxes, One-third Gross in a Case, Weight per gross, 285 lbs., ... $8 50

No. 20—Diamond, in 1 lb. Round Wooden Boxes, One-third Gross in a Case, Weight per gross., 270 lbs. , 8 00

Fig. No. D5450

"S. H. Co. Anti-Friction".

PER GROSS.

No. 1 = "S. H. Co. Anti-Friction", in 1 lb. Round Wooden Boxes, One-quarter Gross in a Case, Weight per gross, 230 lbs., . $12.00

Fig. No. D5451

Fig. No. D5451½

"S. H. Co. Anti-Friction".

PER GROSS

No. 2 "S. H. Co., Anti-Friction", in 1 lb. Round Metal Cans, with Label **Lithographed in Colors on the Enameled Metal,** One-quarter Gross in a Case, Weight per gross, 210 lbs., ... $18.00

PER DOZEN PAILS.

No. 3="S. H. Co., Anti-Friction", in 2½ lb. Tin Pails, with Bail, Two Dozen Pails in a Case, Weight per case, 75 lbs., ... $ 5 00

No. 4="S. H. Co., Anti-Friction", in 5 lb. Tin Pails, with Bail, Two Dozen Pails in a Case, Weight per case, 89 lbs., ... 9.00

No. 5="S. H. Co., Anti-Friction", in 15 lb. Wood Pails, ... 15 00

AXLE GREASE.

Fig. No. D5448.

"S. H. Co. Run Easy".

TRADE MARK REGISTERED.

PER GROSS.

No. 10—"S. H. Co. Run Easy", in 1 lb. Round Wooden Boxes, One-third Gross in a Case, Weight per gross, 285 lbs., ... $8 50

No. 20—Diamond, in 1 lb. Round Wooden Boxes, One-third Gross in a Case, Weight per gross., 270 lbs. , 8 00

Fig. No. D5450

"S. H. Co. Anti-Friction".

PER GROSS.

No. 1 = "S. H. Co. Anti-Friction", in 1 lb. Round Wooden Boxes, One-quarter Gross in a Case, Weight per gross, 230 lbs., . $12.00

Fig. No. D5451

Fig. No. D5451½

"S. H. Co. Anti-Friction".

PER GROSS

No. 2 "S. H. Co., Anti-Friction", in 1 lb. Round Metal Cans, with Label **Lithographed in Colors on the Enameled Metal,** One-quarter Gross in a Case, Weight per gross, 210 lbs., ... $18.00

PER DOZEN PAILS.

No. 3="S. H. Co., Anti-Friction", in 2½ lb. Tin Pails, with Bail, Two Dozen Pails in a Case, Weight per case, 75 lbs., ... $ 5 00

No. 4="S. H. Co., Anti-Friction", in 5 lb. Tin Pails, with Bail, Two Dozen Pails in a Case, Weight per case, 89 lbs., ... 9.00

No. 5="S. H. Co., Anti-Friction", in 15 lb. Wood Pails, ... 15 00

BROAD AXES.

Fig. No. D01

Pittsburg Pattern.

Fig. No. D02

Canada Pattern.

Bronzed, Polished Poll and Bit.

Keen Kutter.

		PER DOZEN.
Keen Kutter—Pittsburg Pattern, 11 to 13 in. Cut, Weights in a Box, Assorted	6 to 7 lbs.,	$32.00
	7 to 8 lbs.,	35.00
	8 to 9 lbs.,	38.00
Keen Kutter—Canada Pattern, 11 to 13 in. Cut, Weights in a Box, Assorted	6 to 7 lbs.,	44.00
	7 to 8 lbs.,	46.00
	8 to 9 lbs.,	48.00

Hunt's.

		PER DOZEN.
Hunt's Pittsburg Pattern, 11 to 13 in. Cut, Weights in a Box, Assorted	6 to 7 lbs.,	$32.00
	7 to 8 lbs.,	35.00

Standard.

		PER DOZEN.
Standard—Pittsburg Pattern, 11 to 13 in. Cut, Weights in a Box, Assorted	6 to 7 lbs.,	$32.00
	7 to 8 lbs.,	35.00
Standard—Canada Pattern, 11 to 13 in. Cut, Weights in a Box, Assorted	7 to 8 lbs.,	46.00

Peerless.

		PER DOZEN.
Peerless—Pittsburg Pattern, 11 to 13 in. Cut, Weights in a Box, Assorted	6 to 7 lbs.,	$32.00
	7 to 8 lbs.,	35.00
	8 to 9 lbs.,	38.00
Peerless—Canada Pattern, 11 to 13 in. Cut, Weights in a Box, Assorted	6 to 7 lbs.,	44.00
	7 to 8 lbs.,	46.00
	8 to 9 lbs.,	48.00

Barton's.

		PER DOZEN.
Barton's—Canada Pattern, 11 to 13 in. Cut, Straight Edge Back, Weights in a Box, Assorted	7 to 8 lbs.,	$45.00
	8 to 9 lbs.,	45.00

One-half Dozen in a Box.

FIRE ENGINE AXES.

Fig No D33

Bronzed Head and Pick Point, Polished Bit.

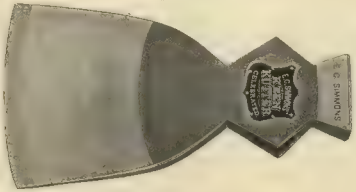
Made of Special Soft Steel, with Extra Quality, Extra Full Weight Crucible Cast Steel Bit, Underlaid.

	PER DOZEN.
Keen Kutter—Bronzed. With Extra Quality 36 in. Handle, Weight 6 lbs., ...	$
Chip-A-Way—Bronzed. With Extra Quality 36 in. Handle, Weight 6 lbs., ...	$

One-half Dozen in a Package.

SHIP AXES.

Fig No D34



Bronzed, Polished Head and Bit.

Keen Kutter.

Made of Special Soft Steel, with Extra Quality, Extra Full Weight Crucible Cast Steel Bit, Underlaid.

	PER DOZEN.
Keen Kutter—Bronzed. Weight 5 to 6 lbs., 6¾ to 7½ in. Cut, ...	$30.00

One Dozen in a Box.

HOUSE CARPENTERS' ADZES.

Fig. No. D93

Flat Head.

Fig. No. D98

Half Flat Head.

Keen Kutter, Bronzed, Polished Head and Bit.

Made of Special Soft Steel, with Extra Quality, Extra Full Weight Crucible Cast Steel Bit, Underlaid.

	PER DOZEN.
Keen Kutter—Flat Head, 3 in. Cut,	$24 00
Keen Kutter Flat Head, 4½ in. Cut.	24.00
Keen Kutter—Half Flat Head, 3½ in. Cut,	$24 00
Keen Kutter Half Flat Head, 4 in. Cut,	24.00
Keen Kutter—Half Flat Head, 4½ in. Cut,	24.00

Hunt's, Bronzed, Polished Head and Bit.

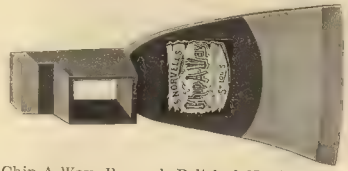
	PER DOZEN.
Hunt's—Half Flat Head, 4½ in. Cut,	$24.00

Barton's, Bronzed, Polished Head and Bit.

	PER DOZEN.
Barton's—Half Flat Head, 4 to 4½ in. Cut,	$24.00

One-half Dozen in a Box. Weight per Box, 29 lbs.

Fig. No. D97



Chip-A-Way, Bronzed, Polished Head and Bit.

Made of Special Soft Steel, with Best Quality, Full Weight Crucible Steel Bit, Underlaid.

	PER DOZEN.
Chip-A-Way Half Flat Head, 4 in. Cut,	$24.00
Chip-A-Way Half Flat Head, 4½ in. Cut,	24.00

One-half Dozen in a Box. Weight per Box, 29 lbs.

ADZES.

Fig. No. D38.

Railroad, Flat Head.

Bronzed, Polished Head and Bit.

Keen Kutter.

Made of Special Soft Steel, Extra Quality, Extra Full Weight Crucible Cast Steel Bit, Underlaid.

	PER DOZEN.
Keen Kutter—5 in. Cut,	$36.00

Chip-A-Way.

	PER DOZEN.
Chip-A-Way—5 in. Cut,	$36.00

Hunt's.

	PER DOZEN.
Hunt's—5 in. Cut,	$26.00

One-half Dozen in a Box. Weight per Box, 35 lbs.

Fig. No. D39.

Ship Carpenters', Spur Head.

Bronzed, Polished Head and Bit.

Keen Kutter.

Made of Special Soft Steel, Extra Quality, Extra Full Weight Crucible Cast Steel Bit, Underlaid.

	PER DOZEN.
Keen Kutter—4½ in. Cut,	$25.00

Chip-A-Way.

	PER DOZEN.
Chip-A-Way—4½ in. Cut,	$25.00

Hunt's.

	PER DOZEN.
Hunt's—4½ in. Cut,	$25.00

Barton's.

	PER DOZEN.
Barton's—4 to 4½ in. Cut,	$30.00
Barton's—4½ in. Cut,	33.00

One-half Dozen in a Box. Weight per Box, 21 lbs.

HUNTERS' HATCHETS.

Fig. No. D40.

Hunters' Hatchets, Axe Pattern.

Made of Special Soft Steel, Extra Quality, Extra Full Weight Crucible Cast Steel Bit, Underlaid

	PER DOZEN.
No. 1 :Keen Kutter, Bronzed, 3½ in Cut, with 15 in. Handle; Weight, without Handle, 1½ lbs ,	$10.00
No. 1=Chip-A-Way, Bronzed, 3½ in. Cut, with 15 in. Handle; Weight, without Handle, 1½ lbs.,	10.00

One-half Dozen in a Package.

BROAD AXES.

Fig. No. D01

Pittsburg Pattern.

Fig. No. D02

Canada Pattern.

Bronzed, Polished Poll and Bit.

Keen Kutter.

		PER DOZEN.
Keen Kutter—Pittsburg Pattern, 11 to 13 in. Cut, Weights in a Box, Assorted	6 to 7 lbs.,	$32.00
	7 to 8 lbs.,	35.00
	8 to 9 lbs.,	38.00
Keen Kutter—Canada Pattern, 11 to 13 in. Cut, Weights in a Box, Assorted	6 to 7 lbs.,	44.00
	7 to 8 lbs.,	46.00
	8 to 9 lbs.,	48.00

Hunt's.

		PER DOZEN.
Hunt's Pittsburg Pattern, 11 to 13 in. Cut, Weights in a Box, Assorted	6 to 7 lbs.,	$32.00
	7 to 8 lbs.,	35.00

Standard.

		PER DOZEN.
Standard—Pittsburg Pattern, 11 to 13 in. Cut, Weights in a Box, Assorted	6 to 7 lbs.,	$32.00
	7 to 8 lbs.,	35.00
Standard—Canada Pattern, 11 to 13 in. Cut, Weights in a Box, Assorted	7 to 8 lbs.,	46.00

Peerless.

		PER DOZEN.
Peerless—Pittsburg Pattern, 11 to 13 in. Cut, Weights in a Box, Assorted	6 to 7 lbs.,	$32.00
	7 to 8 lbs.,	35.00
	8 to 9 lbs.,	38.00
Peerless—Canada Pattern, 11 to 13 in. Cut, Weights in a Box, Assorted	6 to 7 lbs.,	44.00
	7 to 8 lbs.,	46.00
	8 to 9 lbs.,	48.00

Barton's.

		PER DOZEN.
Barton's—Canada Pattern, 11 to 13 in. Cut, Straight Edge Back, Weights in a Box, Assorted	7 to 8 lbs.,	$45.00
	8 to 9 lbs.,	45.00

One-half Dozen in a Box.

FIRE ENGINE AXES.

Fig No D33

Bronzed Head and Pick Point, Polished Bit.

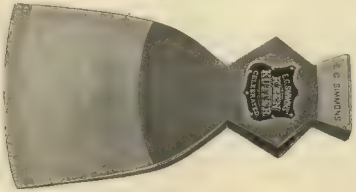
Made of Special Soft Steel, with Extra Quality, Extra Full Weight Crucible Cast Steel Bit, Underlaid.

	PER DOZEN.
Keen Kutter—Bronzed. With Extra Quality 36 in. Handle, Weight 6 lbs., ...	$
Chip-A-Way—Bronzed. With Extra Quality 36 in. Handle, Weight 6 lbs., ...	$

One-half Dozen in a Package.

SHIP AXES.

Fig No D34



Bronzed, Polished Head and Bit.

Keen Kutter.

Made of Special Soft Steel, with Extra Quality, Extra Full Weight Crucible Cast Steel Bit, Underlaid.

	PER DOZEN.
Keen Kutter—Bronzed. Weight 5 to 6 lbs., 6¾ to 7½ in. Cut, ...	$30.00

One Dozen in a Box.

SIMMONS HARDWARE COMPANY

SOLID CAST STEEL HATCHETS.

E. C. SIMMONS' "TRUE BLUE."

Best Grade Crucible Hatchet Steel, Blued Steel Finish and Fancy Etched, Bevel Edge of Bit and Top of Poll Polished Second Growth White Hickory Handles. **Handled with the Grellner Patent Everlasting Lock Hatchet Wedge,** which positively prevents the Head from ever working loose or flying off the Handle.

TRADE MARK: "TRUE BLUE." REGISTERED

Fig. No. D80

Shingling.
Regular Straight Poll.

Fig. No. D81.

Claw.
Regular Straight Poll.

Fig. No. D82

Half.
Regular Straight Poll.

Fig. No. D83.

Shingling.
Adze Eye, Bell Poll.

Fig. No. D84

Lathing.
Adze Eye, Bell Poll.

Fig. No. D85

Lathing.
Boston Star Pattern.

For Description, see Page 21

SOLID CAST STEEL HATCHETS.

E. C. SIMMONS' "TRUE BLUE."

Best Grade Crucible Hatchet Steel, Blued Steel Finish and Fancy Etched, Bevel Edge of Bit and Top of Poll Polished. Second Growth White Hickory Handles. **Handled with the Grellner Patent Everlasting Lock Hatchet Wedge,** which positively prevents the Head from ever working loose or flying off the Handle.

TRADE MARK: "TRUE BLUE." REGISTERED.

FIG. No D49

Cut showing Bell Poll Hatchets in Wooden Box.

True Blue, Regular Straight Poll.

Shingling.

	PER DOZEN.
No. 1 3½ in. Cut,	$11.50
No. 2=4 in. Cut,	12.00
No. 3 4½ in. Cut,	12.50

Claw.

	PER DOZEN.
No. 1=3½ in. Cut,	$12.50
No. 2=4 in. Cut.	13.00

Half.

	PER DOZEN
No. 1 3½ in. Cut,	$12.00
No. 2=3¾ in. Cut,	12.50

Lathing.

	PER DOZEN.
No. 0=2 in. Cut,	$11.00
No. 1 2½ in. Cut,	11.50
No. 2=2½ in. Cut,	12.00
No. 89=Boston Star Pattern, 2 in. Cut, Weight, with Handle, 18 oz.,	13.00
No. 90=Boston Star Pattern, 2½ in. Cut, Weight, with Handle, 20 oz.,	14.00

True Blue, Bell Poll, Adze Eye.

Shingling.

	PER DOZEN.
No. 01=3½ in. Cut,	$14.50
No. 02 3¾ in. Cut,	15.00

Half.

	PER DOZEN.
No. 10=3½ in. Cut,	$14.50
No. 20=3¾ in. Cut,	15.00

Lathing.

	PER DOZEN.
No. 100=2½ in. Cut,	$14.50
No. 200=2¾ in. Cut,	15.00

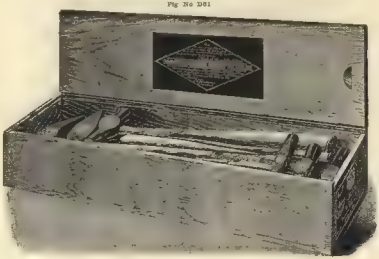
One-half Dozen in a Wooden Box. Six Dozen in a Case. Average Weight, per Case, 195 lbs.

For Illustrations, see Page 22.

SOLID CAST STEEL HAMMERS.

TRADE MARK: "TRUE BLUE." REGISTERED

Fig No D61



E. C. SIMMONS' "TRUE BLUE."

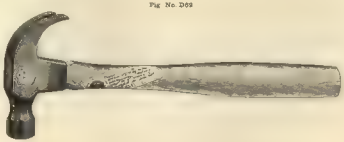
Best Grade Crucible Hammer Steel, Blued Steel Finish and Fancy Etched Second Growth White Hickory Handles. **Handled with the Grellner Patent Everlasting Lock Hammer Wedge,** which positively prevents the Head from ever working loose or flying off the Handle.

Assorted Box.

No. A=Assorted Box, Containing 1½ Dozen "True Blue" Hammers, as follows:	1/12 dozen Adze Eye, Plain Nail, each Nos. 1 and 2, 1/4 dozen Adze Eye, Plain Nail, No. 1½, 1/4 dozen Adze Eye, Octagon, Bell Face Nail, No. 01½, 1/6 dozen Farriers', each Nos. 6 and 7, 1/12 dozen Riveting, each Nos. 1 and 4, 1/6 dozen Riveting, each Nos. 2 and 3,	PER BOX. $12.25

One and One-half Dozen in a Wooden Box. Eight Boxes in a Case. Average Weight, per Case, 170 lbs.

Fig No. D62



Adze Eye, Nail, Bell Face, Octagon Neck.

		PER DOZEN.
No. 01½	Weight, without Handle, 1 lb. 1 oz.,	$13.50
No. 02	Weight, without Handle, 14 oz.,	13.00

One-half Dozen in a Wooden Box. Six Dozen in a Case. Average Weight, per Case, 145 lbs.

SOLID CAST STEEL HAMMERS.

E. C. SIMMONS' "TRUE BLUE."

Best Grade Crucible Hammer Steel, Blued Steel Finish and Fancy Etched. Second Growth White Hickory Handles. **Handled with the Grellner Patent Everlasting Lock Hammer Wedge,** which positively prevents the Head from ever working loose or flying off the Handle.

Fig No. D63.

Adze Eye, Nail, Plain Face.

	PER DOZEN
No. 1 =Weight, without Handle, 1 lb 4 oz., .	$9.00
No. 1½=Weight, without Handle, 1 lb., . .	8.50
No. 2 =Weight, without Handle, 13 oz., . .	8.00
No. 3 =Weight, without Handle, 7 oz., . .	7.50

One-half Dozen in a Wooden Box. Six Dozen in a Case. Average Weight, per Case, 145 lbs.

Fig No. D64

Adze Eye, Nail, Bell Face.

	PER DOZEN
No. 1 =Weight, without Handle, 1 lb. 4 oz., .	$9.00
No. 1½=Weight, without Handle, 1 lb., . .	8.50
No. 2 =Weight, without Handle, 13 oz., . .	8.00
No. 3 =Weight, without Handle, 7 oz., . .	7.50

Fig No. D65

Farrier, Round Poll, Plain Eye.

PER DOZEN.

No. 6=Weight, without Handle, 7 oz., ... $8.25

Fig No. D66

Farrier, Round Poll, Adze Eye.

	PER DOZEN.
No. 7=Weight, without Handle, 7 oz., . .	$7.50

Fig No. D67

Farrier, Octagon Neck, Round Tapering Poll, Adze Eye.

	PER DOZEN.
No. 8 Weight, without Handle, 12 oz., . .	$9.00

One-half Dozen in a Wooden Box. Six Dozen in a Case. Average Weight, per Case, 100 lbs.

Fig No. D68

Brad, Plain Eye.

PER DOZEN

No. 2 Weight, without Handle, 4 oz., ... $5.50

One-half Dozen in a Wooden Box. Six Dozen in a Case. Average Weight, per Case, 50 lbs.

Revolvers.

HOPKINS & ALLEN MFG. CO.'S POLICE

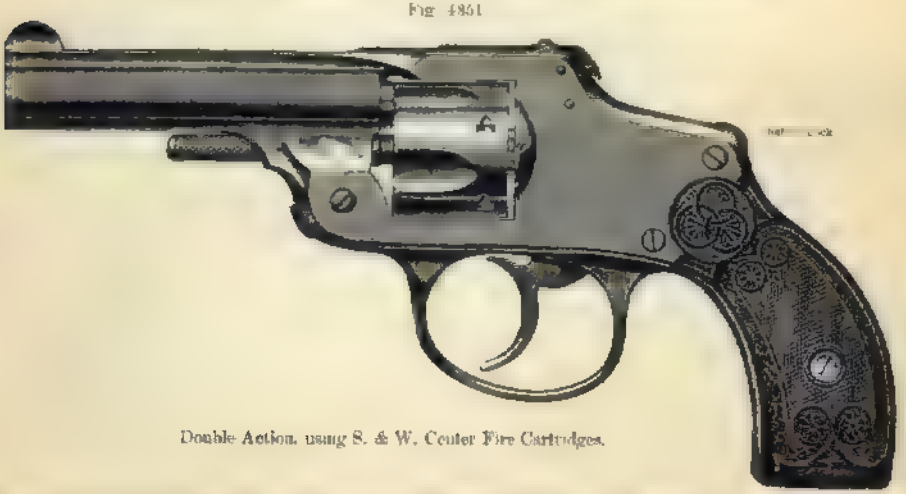
Fig. 4850

Folding Hammer, Automatic Shell Ejector, Double Action, using S. & W. Center Fire Cartridges.

32 Caliber, Five Shot.				38 Caliber, Five Shot.			
Rubber Stock,	3-inch Barrel,	each,	$7 00	Rubber Stock,	3½-inch Barrel,	each,	$8 00
Ivory,	3 "	"	9 00	Ivory,	4¼ "	"	9 50
Pearl,	4 "	"	9 50	Pearl,	3¼ "	"	10 00
Weight 13 ounces.				Weight 18 ounces.			

MALTBY, HENLEY & CO.'S SAFETY HAMMERLESS

Fig. 4851



Double Action, using S. & W. Center Fire Cartridges.

32 Caliber, Five-Shot, Fluted Cylinder, 3-inch Barrel, Rubber Stock, Weight 14½ ounces,						each,	$5 50
38 " " " " 3½ " " " " " 18½ "						"	6 00

All above Revolvers, One in a Box.

Revolvers.

SMITH & WESSON'S

Fig. 4858

Double Action, Automatic Shell Ejector, using S. & W. Center Fire Cartridges.

32 Caliber, Five-Shot.					38 Caliber, Five-Shot.				
Rubber Stock, 3-inch Barrel,			each,	$12 90	Rubber Stock, 3½-inch Barrel,			each,	$13 75
Ivory " 3 " "			"	13 75	Ivory " 3½ " "			"	15 65
Pearl " 3 " "			"	14 10	Pearl " 3½ " "			"	16 00
Weight 13 ounces.					Weight 18 ounces.				

SMITH & WESSON'S NEW DEPARTURE.

Fig. 4853

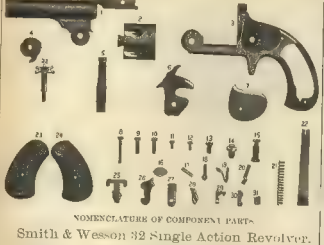
Double Action, Safety Hammerless, Automatic Shell Ejector, using S. & W. Center Fire Cartridges.

32 Caliber, Five-Shot.					38 Caliber, Five Shot.				
Rubber Stock 3-inch Barrel,			each,	$13 50	Rubber Stock, 3½-inch Barrel,			each,	$14 75
Ivory " 3 " "			"	15 35	Ivory " 3½ " "			"	16 60
Pearl " 3 " "			"	15 60	Pearl " 3½ " "			"	16 90
Weight 14 ounces.					Weight 18½ ounces.				

All above Revolvers, One in a Box

Component Parts of Smith & Wesson Revolvers.

Fig. No. D7815.



NOMENCLATURE OF COMPONENT PARTS.

Smith & Wesson 32 Single Action Revolver.

NO.		EACH	NO.		EACH
1	Barrel	$5.00	17	Barrel Catch Cam Spring	$0.15
2	Cylinder	2.00	18	Cylinder Stop Spring	.10
3	Frame	6.00	19	Trigger Spring	.10
4	Extractor Cam	.60	20	Hand Spring	.10
5	Base Pin	.50	21	Extractor Spring	.10
6	Hammer	1.00	22	Main Spring	.50
7	Side Plate	.50	23	Right Hand Stock	.60
8	Stock screw	.15	24	Left Hand Stock	.60
9	Barrel Catch Screw	.10	25	Barrel Catch	.30
10	Long Plate Screw	.10	26	Trigger	.30
11	Stop Plate Screw	.10	27	Stop Plate	.30
12	Short Plate Screw	.10	28	Stirrup	.30
13	Strain Screw	.10	29	Hand	.30
14	Hammer Stud	.30	30	Cylinder Stop	.50
15	Joint Pivot and Screw	.30	31	Barrel Catch Cam	.30
16	Sight	.20			

Fig. No. D7816.

NOMENCLATURE OF COMPONENT PARTS.

Smith & Wesson 38 Single Action Revolver.

NO.		EACH	NO.		EACH
1	Barrel	$5.50	16	Cylinder Stop Spring	$0.10
2	Cylinder	6.00	17	Hand Spring	.10
3	Frame	6.50	18	Trigger Spring	.10
4	Extractor Cam	.50	19	Right Hand Stock	.50
5	Barrel Catch	.50	20	Left Hand Stock	.50
6	Trigger	.50	21	Hammer Stud	.20
7	Hammer	1.00	22	Joint Pivot and Screw	.30
8	Side Plate	.50	23	Strain Screw	.10
9	Base Pin	.50	24	Stop Plate Screw	.10
10	Extractor	.20	25	Short Plate Screw	.10
11	Sight	1.50	26	Long Plate Screw	.10
12	Barrel Catch Cam	.20	27	Barrel Catch Screw	.10
13	Hand	.30	28	Stock Screw	.10
14	Cylinder Stop	.30	29	Extractor Post	.20
15	Stirrup	.30	30	Extractor Spring	.10
16	Stop Plate	.20	31	Main Spring	.50
17	Barrel Catch Cam Spring	.10			

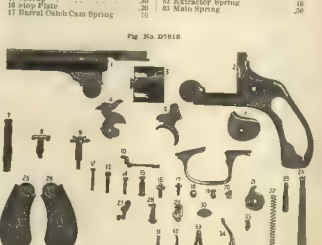
Fig. No. D7817

NOMENCLATURE OF COMPONENT PARTS.

Smith & Wesson 32 Double Action Revolver.

NO.		EACH	NO.		EACH
1	Barrel	$5.00	18	Barrel Catch Screw	$0.10
2	Frame	6.00	20	Joint Pivot and Screw	.30
3	Guard	1.00	21	Hammer Stud	.30
4	Rear Sear	.60	22	Extractor Stud	.30
5	Cylinder	2.50	23	Hammer Stud Nut	.10
6	Sight	.20	24	Stirrup	.30
7	Side Plate	.50	25	Fly	.20
8	Base Pin	.50	26	Barrel Catch Cam	.30
9	Extractor Cam	.50	27	Extractor Spring	.10
10	Barrel Catch	.50	28	Main Spring	.50
11	Hammer	1.00	29	Front Sear	.70
12	Trigger	.70	30	Hand	.50
13	Extractor Post	.20	31	Trigger Stop	.50
14	Extractor	1.50	32	Hand Spring	.10
15	Right Hand Stock	.50	33	Barrel Catch Cam Spring	.10
16	Left Hand Stock	.50	34	Trigger Spring	.10
17	Stock Screw	.10	35	Rear Sear Spring	.50
18	Strain Screw	.10			

Fig. No. D7818.



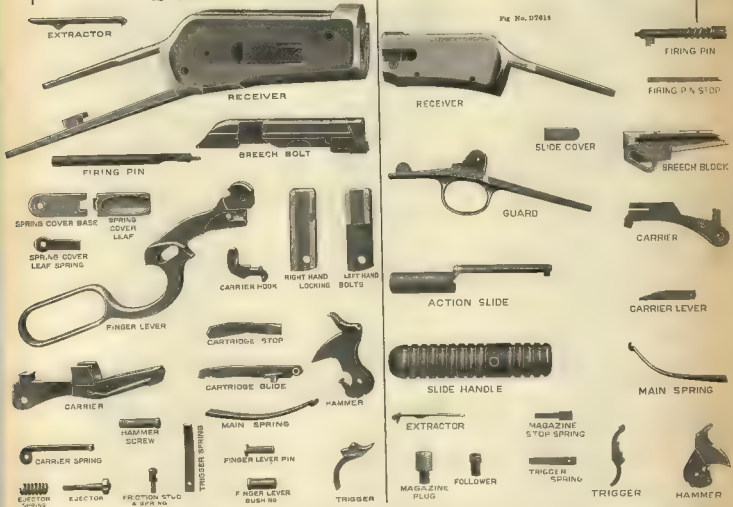
NOMENCLATURE OF COMPONENT PARTS.

Smith & Wesson 38 Double Action Revolver.

NO.		EACH	NO.		EACH
1	Barrel	$5.50	19	Stirrup	$0.30
2	Frame	6.50	20	Barrel and Catch Cam	.30
3	Cylinder	5.00	21	Extractor Cam and Catch	.60
4	Hammer	1.00	22	Extractor Spring	.10
5	Trigger	.70	23	Extractor Post	.20
6	Side Plate	.50	24	Main Spring	.50
7	Base Pin	.50	25	Right Hand Stock	.50
8	Barrel Catch	.50	26	Left Hand Stock	.50
9	Extractor	1.50	27	Rear Sear	.60
10	Cylinder Stop	.30	28	Hand	.50
11	Guard	1.00	29	Front Sear	.70
12	Stock Screw	.10	30	Sight	.20
13	Strain Screw	.10	31	Barrel Catch Cam Spring	.10
14	Barrel Catch Screw	.10	32	Hand Spring	.10
15	Joint Pivot and Screw	.30	33	Trigger Spring	.10
16	Hammer Stud	.30	34	Rear Sear Spring	.50
17	Extractor Stud	.30	35	Fly	.20
18	Hammer Stud Nut	.10			

In Ordering, be particular to mention Number of Part and Style of Revolver.

COMPONENT PARTS OF WINCHESTER REPEATING RIFLES.



Model 1886.

	Each.
	$c.
Barrel Round	$0.35
" Octagon or Half Octagon	5.00
Breech Block	1.00
Bolt Stock	.80
" Plate	.40
" " Screws (2) each	.20
Carrier	.20
" Spring	.05
" Screw	.05
" Hook	.35
Ejector Spring	.05
Extractor	.25
" Pin	.02
Cartridge Guide	.05
" Screw	.05
" Stop	.05
" Screw	1.00
Finger Lever	.20
" Pin	.05
" " Bushing	.10
" " Friction Stud	.05
" " " Spring	.02
" " " Pin.	.05
Firing Pin	.60
Force arm	.40
" Tip	.05
" Screws (2) each	.05
" Tenon	.05
Hammer Pin and Lock	.05
" Screw	.02
Lever Connecting Pin	.10
Locking Bolt Right Hand	.80
" Left	3.00
Lower Tang	.05
" " Screw	

	Each.
	$c.
Magazine Tube	$1.00
" Spring	.20
" Muzzle Plug	.10
" " " Screw	.02
" Follower	.10
" Ring	.40
" " Pin	.02
Mainspring Plain Lock	.50
" Strain Screw.	.05
Receiver	10.00
Spring Cover Base	.60
" " " Leaf	.40
" " " Pin	.02
" " " Spring	.10
" " " Screw	.05
Stirrup	.15
" Pin	.02
Trigger	.45
" Pin	.02
" Spring	.10
" " Screw	.05
Trigger Tang Screw	.10
Hammer, Set Lock with Fly	.60
" " Set Lock	.10
" " Spring	.05
" " Screw	.05
Knock off	.60
" " Spring	.02
" " Stop Pin	.02
Catch Hook	.50
" " Pin	.02
" " Spring	.15
Trigger, Set Lock	.70
" Adjusting Screw	.05
Mainspring, Set Lock	.30

22 Caliber, Model 1890.

	Each.
	$c.
Barrel, Octagon, 24 inch	6.00
Receiver, complete with Guard	6.00
Guard	1.25
" Pins (2)	1.25
Breech Block	1.25
Carrier	.15
" Lever	.05
" " Pin	.05
Action Slide	.15
Slide Cover	.15
" " Screw	.05
Slide Handle	.15
" " Screws (2) each	.10
Extractor	.10
" Pin	.05
Firing Pin	.15
" " Spring	.05
" " Stop	.05
" " " Screws (2	.05
Butt Plate	1.00
" Stock	.50
Hammer	.05
" Pin	.05
Trigger	.05
" Pin	.05
" Spring	.05
" " Screw	1.00
Magazine Tube, Outside	2.00
" Inside, Complete	.10
" Plug	.40
" Ring	.20
" Spring	.05
" Stop Spring	.05
Mainspring	.05
" Screw	.05
" Strain Screw	.10
Magazine Follower	

SIMMONS HARDWARE COMPANY

CATCHERS' GLOVES AND MITTENS.

American Mitten Co.'s Trade Marked Catchers' Mittens.

Fig. No. D9250

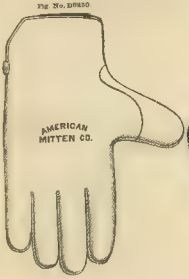


Fig. No. D9251

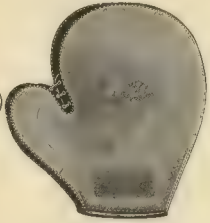


Fig. No. D9252

Infielders' Gloves.

PER SINGLE DOZEN.

No. 30—Plymouth Buckskin, Seamless Palm, . $42 00

No. 2X—Good Buckskin, Seamless Palm, . . 24.00

American Mitten Co.'s Catchers' Mittens.

PER DOZEN PAIRS.

No. 34R—Plymouth Buckskin Palm, Calfskin Back, with Short Fingered Throwing Glove, . $84.00

No. 33C—Calfskin, with Short Fingered Throwing Glove, 72.00

No. 37—Heavy Indian Tanned Buckskin, with Short Fingered Throwing Glove, 48.00

American Mitten Co.'s Catchers' Mittens.

PER DOZEN PAIRS.

No. 53 Oil Tanned Buckskin, well Padded, with Short Fingered Throwing Glove, $30.00

No. 54—Cadets, Oil Tanned Buckskin, with Short Fingered Throwing Glove, . 24.00

No. 056—For Men, Leather, with Short Fingered Throwing Glove, . . 12.00

No. 058—For Boys, Leather, with Short Fingered Throwing Glove, . . . 6.00

No. 60X—For Men, Leather Palm, Canvas Back, . . 4.00

No. 59X—Same as No. 60X, except for Boys, . . . 3.00

Fig. No. D9254

No. 7/0

Fig. No. D9255

No. 0X.

Fig. No. D9253

Spalding's Catchers' Mitts.

Made in Rights and Lefts, and **without Throwing Gloves.**

PER DOZEN.

No. 7/0—Highest Quality, made of the Finest Selected Leather, Heavily Padded and Laced all around, $ 9.00

The "Morrill" Mitt.

No. 6/0—Special Design, Made of Finest Drab Buckskin, Heavily Padded, . . . $72.00

No. 5/0—League, Finest Selected Hogskin, Laced Back and well Padded, . . . 60.00

No. 0X—"Decker Patent," Hand of Soft Deerskin, Back of Selected Hogskin, Laced and Sole Leather Reinforce on Back for additional protection, well made and Padded, 42 00

No. 0 Hand of Soft Tanned Deerskin, Back-piece Selected Hogskin, Laced Back and well Padded, 36 00

PER DOZEN PAIRS

No. 15½T—Professional, Full Left Hand, with Sole Leather Tips, Heavy Tanned Buck, Open Back, well Padded and adapted to heavy work behind the Bat, ... $30.00

Nos. 59X 60X, 058, 056. One-half Dozen in a Box · Remainder, One-twelfth Dozen in a Box.

BASE BALL MITTS, GLOVES, ETC.

Fig. No. D8256.

No. 3.

Spalding's Catchers' Mitts.

All Mitts made in Rights and Lefts and without Throwing Glove.

	PER DOZEN.
No. A—Amateur, extra quality leather, heavily padded, lace back,	$24.00
No. 3—Practice, hand of grain leather, back of sheepskin, laced all around and well padded	[illegible]

Fig. No. D8257.

No. 2.

Boys' Mitts.

	PER DOZEN.
No. 6XB—Dexter patent Boys', hand piece of velvet tanned deerskin back of the hand, sole leather reinforced, patent back for extra protection to fingers laced and heavily padded	$24.00
No. 5—Boys', tanned buckskin laced back and nicely padded,	18.00
No. 4—Boys', front and back grain leather, hand-piece yellow tanned sheepskin, laced back and well padded,	6.00
No. 3—Boys' leather front hand piece, a strong and durable glove for boys,	3.00

Fig. No. D8258.

No. 4X.

Spalding's Basemen's and Infielders' Mitts.

Made in Rights and Lefts.

	PER DOZEN.
No. 3A—Infielders' finest velvet tanned buckskin, perfectly padded, highest quality	$36.00
No. 4X—Basemen's and Infielders' finest tanned brown leather, fine felt padding,	24.00
No. 5X—Basemen's and Infielders', made of special gold tanned leather, well padded,	12.00
No. 6X—Boys' Basemen's and Infielders', same as our No. 5X, but smaller sizes	[illegible]

Fig. No. D8259

Spalding's Basemen's Mitts.

Made in Rights and Lefts.

	PER DOZEN.
No. 8X—Basemen's, finest velvet tanned buckskin, laced edge, perfectly padded,	$48.00

Fig. No. D8260.

Spalding's Infielders' Gloves.

Made in Rights and Lefts.

	PER DOZEN.
No. 2X—Finest velvet tanned buckskin perfectly padded,	$36.00
No. X—Amateur,	18.00

Fig. No. D8261.

No. 3/0.

Catchers' Masks.

Black Enameled Wire.

	EACH.
No. 4/0—Sun Protecting, Highest Quality,	$5.00
No. 3/0—Neck "	3.50
No. 3/0—Special League, heavy wire,	[illegible]
No. 0/X—Regulation, heavy wire,	2.50

Catchers' Masks.

Fig. No. D8262

Bright Wire.

	EACH.
No. 0—Regulation, Bright Wire,	$2.00
No. 97—Amateur Mask, Bright Wire	1.00
No. 98—Amateur, Boys', same as No. 97, in boys' sizes,	1.00
No. 99—Youths', without Head or Chin Piece,	[illegible]
No. 100—Boys', " " " "	.50
No. 101— " Lighter Wire, without Head or Chin Piece,	.25

No. 0.

Fig. No. D8263

Spalding's Body Protectors.

Gray's Patent.

Made of Rubber and Inflated with Air.

	EACH.
No. 00—Umpire,	$16.00
No. 0—League,	10.00
No. 1—Amateur	6.00
No. 2—Boys',	5.00

Fig. No. D8264.

No. 2-0.

Fig. No. D8265

No. 0.

Spalding's Shoe Plates.

	PER DOZEN PAIRS.
No. 0—Hand Forged Toe Plates,	$5.00
No. 2-0— " " Heel "	6.00
No. 1—Professional Toe "	3.00
No. 1H— " Heel "	3.00
No. 2—Amateur Plates,	1.50

Fig. No. D8266.

Pitchers' Toe Plates

Made of Heavy Brass and Wrought Toe of Shoe

Rights and Lefts, PER DOZEN. $6.00.

Fig. No. D8267.

No. 2.

Spalding's Club Bat Bags.

	EACH.
No. 0—League, Sole Leather, for 18 Bats,	$15.00
No. 1—Canvas, Leather Ends, for 24 Bats,	3.00
No. 2—Canvas, Leather Ends, for 12 Bats,	4.00

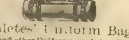
Fig. No. D8268

No. 02.

Individual Bags.

	EACH
No. 01—Sole Leather, for 2 Bats,	$4.00
No. 02—Heavy Canvas, Leather Reinforced at Both Ends,	1.50
No. 03—Canvas, Leather Reinforced at One End,	1.00

Fig. No. D8269



Athletes' Uniform Bags.

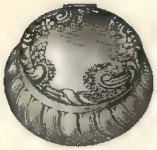
For carrying Base Ball and other Uniforms, made to roll, and will not wrinkle or soil same. Separate Compartment for Shoes

	EACH.
No. 1—Canvas,	$2.50
No. 2—Leather,	3.50

QUADRUPLE SILVER PLATED NOVELTIES.

Nickel Silver. Silver Soldered.

PRICES EACH.

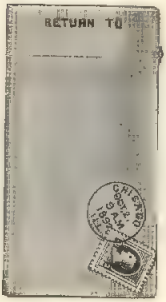


No. 6794. Bon Bon..$2.50
Embossed Bright. Cut ⅝ Size.

No. 6687. Bon Bon..$3.10
Satin Engraved. Cut ⅝ Size.

No. 6122. Bon Bon..$2.50
Embossed Bright. Cut ⅝ Size.

No 984. Match Box.....$2.50
Embossed Bright.



No. 950. Match Box....$2 50
Satin Engraved.

No. 945. Match Box....$2.50
Embossed Bright.

No 964. Match Box...$2.50
Embossed Bright.

No. 865. Match Box...$2.50
Embossed Bright.

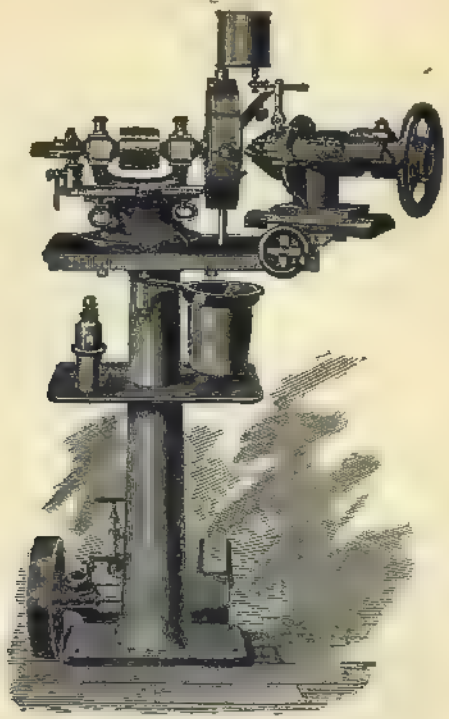
No. 962. Match Box...$2.50
Embossed Bright.

Illustrations of Match Boxes are Full Size.

Twist Drill Grinding Machine.

STANDARD.

Fig. 1780.



Complete, with Column and Countershaft, - - - - - each, $100 00

This Machine is adapted for Grinding to a proper angle and with a suitable clearance, the cutting Lips of Twist Drills.

Please note the following facts, viz: This Machine holds in the same Chuck, Drills from ⅛ to 1⅝ inch and grinds both sides without removing drill from chuck, thereby reducing the time of grinding to less than one-half that of any other machine in the market.

It grinds both sides exactly alike, and leaves the point a perfect center. More or less clearance may be given, as desired; nothing is left to the judgment of the workman.

All wearing parts are made of hardened steel, carefully tempered; all parts of these Machines are made interchangeable so that any part of the Machine can be duplicated with certainty of fit.

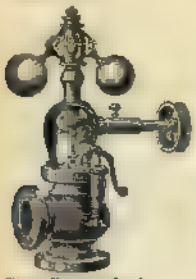
The Emery Wheels are made specially and run with water to prevent drawing of temper. Size of wheel 9 inch diameter and 1½-inch face. The grinding is done on side of wheel, which can be kept properly dressed by using the tool-holder and diamond in place of grinding attachment in taper socket on upper side and running same across the wheel by means of small hand wheel and feed screw. A wheel can be run on left end of spindle for ordinary tool grinding. Speed of Emery Wheel 1,600 revolutions per minute.

Steam Engine Governors.

JUDSON'S.

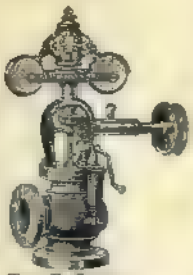
Standard or Spring.

Fig. 2437



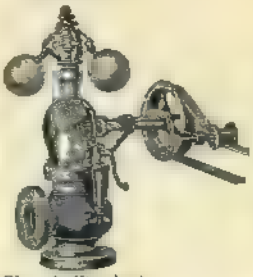
Class B, Standard (Medium Speed.)

Fig. 2438



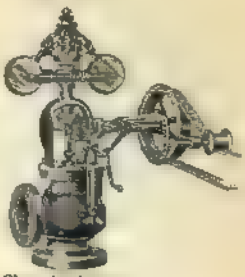
Class B. Spring. (High Speed.)

Fig. 2439



Class A. Standard. (Medium Speed.)

Fig. 2440



Class A. Spring. (High Speed)

Price List.

Size of Governor. Diameter of Opening. Inches.	Plain B Governor. Each.	Finished B Governor. Each.	Plain A Governor. Each.	Finished A Governor. Each.	Improved Horn or Angle Stop Valve. Add. Each.	Size of Governor. Diameter of Opening. Inches.	Plain B Governor. Each.	Finished B Governor. Each.	Plain A Governor. Each.	Finished A Governor. Each.	Improved Globe or Angle Stop Valve. Add. Each.
½	$16 00	$18 00				3½	$ 60 00	$ 6[illegible] 00	$ 7[illegible] 00	$ 8[illegible]	$22 [illegible]
¾	18 00	20 00				4	71 00	81 00	83 00	93 00	2[illegible] 00
1	20 00	22 00	$23 00	$25 00		4½	83 00	9[illegible] 00	99 00	107 00	32 00
1¼	22 00	25 00	25 50	28 50		5	94 00	106 00	[illegible]	[illegible]	38 00
1½	25 00	29 00	29 50	33 50	$ 8 00	5½	108 00	12[illegible] 00	12[illegible] 00	[illegible]	44 00
2	30 00	34 00	36 00	40 00	9 75	6	122 00	136 00	140 00	154 00	50 00
2¼	35 00	40 00	42 00	47 00	11 50	7	160 00	166 00	170 00	186 00	80 00
2½	40 00	45 00	48 00	53 00	12 50	8	185 00	202 00	200 00	227 00	103 00
2¾	45 00	51 00	53 00	59 00	15 50	9	215 00	235 00	241 00	261 00	140 00
3	50 00	58 00	59 00	67 00	18 00	10	340 00	260 00	270 00	290 00	180 00

TABLE OF DIMENSIONS

Size of Governor Opening. Inches.	Diameter Base Flange. Inches.	Diameter Stop Flange. Inches.	From Center to Base Flange. Inches.	From Center to Stop Flange. Inches.	Length Over Base Flange. O and Stop Flange. Inches.	From Center to End of Shaft. Inches.	Extreme Height. Inches.	Greatest Swing of Balls. Inches.	Space Standard Governor occupies.	Space Spring Governor occupies.	Diameter of Shaft. Inches.	Size of Stop Valve. Inches.	Corresponding Diameter of Belt. Inches.
½		Screwed	1⅝	2	4¾	7	11½	8½	260	305	2¼	2½	2½ to 3
¾	3½	"	2	2¼	4¾	7	12⅝	8½	260	300	2½	2½	2 to 4
	4½	"	2⅛	2⅝	5	7½	13⅝	8⅞	240	280	2¾	"	3½ to 5
1¼	5	"	2⅛	3	5¼	10½	18½	11	210	270	3	3½	4 to 6
1½	5⅝	"	2⅜	3⅝	5¾	11¾	20½	11⅞	185	255	3½	4	4½ to 7
2	6½	"	3	4	7¼	12½	23	14½	185	205	3½	4	6 to 9
2¼	7½	6	4¼	4½		13¾	26¼	14½	175	230	4	4½	7 to 10
2½	7½	S'd or 6½	4¾	4¾	9	14½	28	15½	150	215	4½	5	8 to 12
2¾	8½	7	5¼	5⅛		14¾	28¾	16½	150	215	4½	5	9 to [illegible]
3	9	S'd or 8	5⅝	5¾	10½	15½	32¼	17½	140	205	5½	6	9 to 14
3½	10	S'd or 9	6½	6⅝	12	17	35½	19½	135	200	6	6½	12 to 16
4	11	10	7	7½	12½	18½	38	20½	132	185	6½	7½	13 to 18
4½	12½	10½	7	7½	14	21	42	23½	130	175	7½	8	15 to 20
5	12	11	7½	7¾	[illegible]	21	42½	23½	125	175	7½	8	16 to 22
5½	13	12	7½	8¾		22	48	26½	110	165	9	10	18 to 24
6	14	13	8½	9½	16½	23	50	30½	105	145	10	11	19 to 26
7	15½	14½	[illegible]	9½		23	51	30½	105	145	10½	11	22 to 30
8	[illegible]	16	9	10½	19½	24	55½	34½	100	140	12	12	25 to 36
9	18	17	11	11½	22	26	59	34½	100	140	14	16	28 to 40
10	21	19	12½	13½	25	26	63	38	100	135	14	16	32 to 42

Recording Gauges.

S. & B

Fig 2434

Nos. 16 and 17.

S. & B.'s Recording Gauges

No. 16, Steam Pressure Gauge, 6-inch Dial, highly finished, in handsome Glass Case, - - each, $75 00

17, Hydraulic Pressure Gauge, 6-inch Dial, highly finished, in handsome Glass Case. - - " 100 00

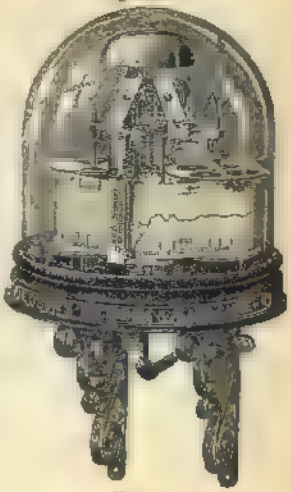
Edson's Recording and Alarm Gauges

No. 18, Steam Pressure Gauge, highly finished, in handsome Glass Case, - - - each, $100 00

In ordering Recording Gauges, please state highest working pressure.

EDSON'S

Fig. 2435

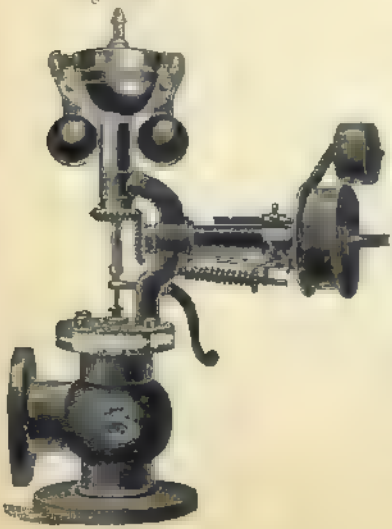


No. 18.

Steam Engine Governors.

STANDARD.

Fig 2436



Price List and Dimensions

Diameter of Steam Pipe	Plain	Bright Finish	Diameter of Cast Flange	Diameter of Cast Flange	Distance from Base Flange to Center of Pipe	Diameter from Center of Governor to End of Pulley Shaft	Speed of Governor
Inches	Each	Each	Inches	Inches	Inches	Inches	
½	$15 00	$17 00	Screw	Screw	2	7	450 to 500
¾	16 00	18 00	"	"	2½	7	450 to 500
1	18 00	20 00	"	"	2½	7½	425 to 475
1¼	20 00	23 00	"	"	3	8½	425 to 475
1½	24 00	27 00	5½	"	3½	10	400 to 450
2	30 00	33 00	6½	"	4	11½	325 to 375
2½	36 00	40 00	7½	"	4½	13	325 to 375
3	42 00	50 00	9	7½	5¼	14	275 to 325
3½	54 00	60 00	10	8	6	16	275 to 325
4	64 00	70 00	11	9	6½	17	225 to 275
4½	74 00	82 00	11½	9½	7	18	225 to 275
5	84 00	94 00	12	10	7½	19	200 to 250
5½	98 00	105 00	13	10½	8	21	200 to 250
6	115 00	125 00	14	13	8	20	150 to 200
7	145 00	..	15	14	8½	21	150 to 200
8	172 00	..	17	15	10	23	125 to 175

20 per cent. extra for Automatic Stop motion.

No extra charge for Speed Regulators.

SIMMONS HARDWARE COMPANY

COW BELLS.

Fig. No. D4094

Two-thards Size Cut of No. 6.

Wilson's.

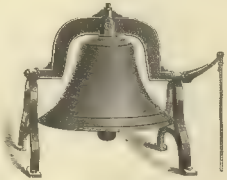
Nos.,	0	1	2	3	4	5	6	7	Hog.
Width at Mouth, inches,	5½	5	4½	4	3½	3	2¾	2¼	2
Height without Loop, inches,	6½	6	5½	4¼	4	3¼	2⅞	2¼	2⅛
PER DOZEN,	$12.00	10 00	8.00	6 00	5.00	4.00	3.00	2.50	5 00

FARM BELLS.

Fig. No. D4095

Cut shows Nos. 1, 2 and 3.

Fig. No. D4096



Cut shows No. 4.

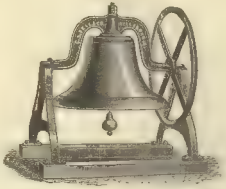
Farm, Crystal Metal, Bronzed Bowl, Painted Red Yokes, Hangers and Handles,

Nos.,	1	2	3	4
Weight, lbs.,	40	50	70	100
Diameter, inches,	15	17	19	21
EACH,	$2 00	2.50	3.75	5.00

SIMMONS HARDWARE COMPANY

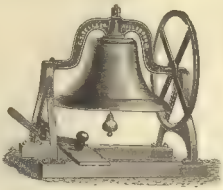
STEEL ALLOY BELLS.

Fig. No. D4027



Without Tolling Hammer.

Fig. No. D4028



With Tolling Hammer.

School.

Nos.,	4½	4⅝	5	6	6¼
Nos.,	(20)	(22)	(24)	(26)	(28)
Weight, lbs., complete with Bell and Mountings,	150	175	225	325	425
Diameter, inches,	20	22	24	26	28
Each,	$15.00	17.50	22.50	32.50	42.50

Church.

Nos.,	6½	7	7½	8	10
Nos.,	(30)	(32)	(34)	(36)	(40)
Weight, lbs., complete with Bell and Mountings,	550	600	725	850	[illegible]
Diameter, inches,	30	32	34	36	40
Each,	$55.00	60.00	72.50	85.00	120.00

The weights and prices above named are for complete Bells, and include Wood Sills, Iron Wheel, and for Nos. 6½, 7, 7½, 8 and 10, Tolling Hammers, without extra charge.

Tolling Hammers for Nos. 5, 6 and 6¼ can be furnished by being shipped direct from the Factory at $5.00 each extra.

No. 10 not carried in Stock; can only be furnished by being shipped direct from Factory at Hillsboro, Ohio.

Fig. No. D4026

Fire Alarm.

Nos.,	530	532	534	536	540	544	554
Weight Complete, with Bell and Mountings, lbs.,	550	600	730	850	1200	[illegible]	[illegible]
Diameter of Bell, inches,	30	32	34	36	40	[illegible]	[illegible]
Each,	$55.00	60.00	73.00	85.00	120.00	[illegible]	[illegible]

The Weights and Prices above named are for Complete Bells, and include all the parts shown in Cut, **except Rope.**

Above are not carried in Stock; can only be furnished by being shipped direct from the Factory **at Hillsboro, Ohio.**

SIMMONS HARDWARE COMPANY

Lamps.

TIN, MINERS'.

Fig. 2365.

No. 1, Plain Top, per doz., $1 00
2, Brass Screw Top " 1 50

MALLEABLE HAND.

Fig. 2366.

No. 4, " per dozen, $5 00

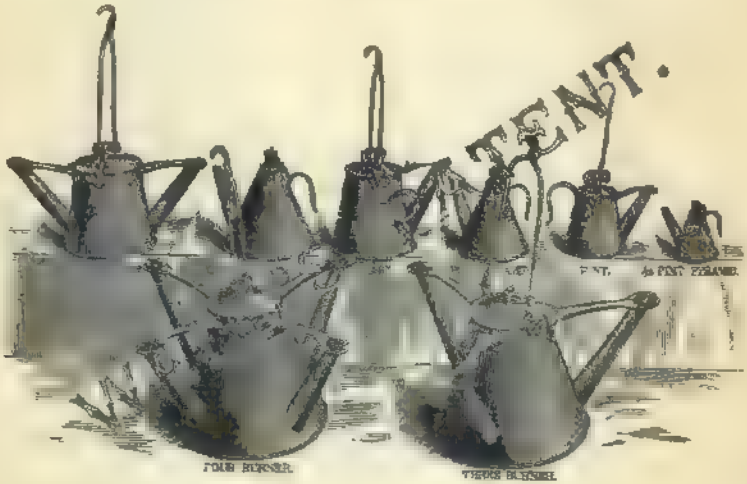
STEEL FURNACE

Fig. 2367

No. 1, 3 pints, per dozen, $12 00
2, 2 " " 10 50

WALL'S PATENT STEEL.

Fig. 2368



No. 01,	2 quarts, broad top, one burner, with bail,			per dozen,	$12 00
1,	2 " " two " "			"	13 00
2,	1 " " one " "			"	10 00
4,	1 pint, " one " "	and handle,		"	9 00
5,	½ " pyramid, screw top, one burner, with handle and chain,			"	7 00
6,	1 " " " " " "			"	[illegible]
7,	1 quart, " " "	with chain		"	11 00
8,	1 " " " two burner "			"	13 00
9,	2 " " " one burner, with handle and chain,			"	12 00
10	1 pint, top burner, with handle,				9 00
11,	1 quart, " "			"	10 00
12,	All night, broad top, three burners, with bail,			"	15 00
13,	" " four " "			"	18 00

SOLID STERLING SILVER SOUVENIR SPOONS.

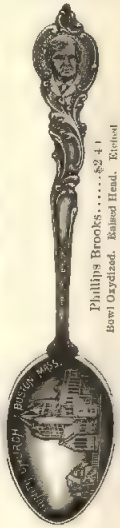
Illustrations are Full Size.

PRICES EACH. SUBJECT TO CHANGE WITHOUT NOTICE.

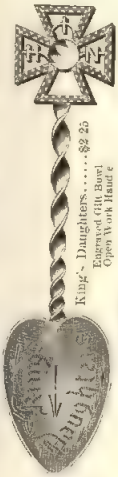
Whittier Bowl Oxydized ..$2 25
Raised Head. Etched.

Longfellow. Bowl Oxydized..$2 25
Raised Head Etched.

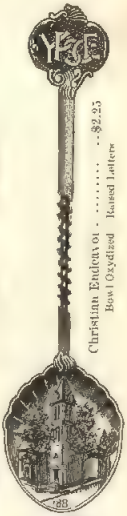
Tennyson. Gold Lined Bowl. $2.25
Raised Oxydized Head



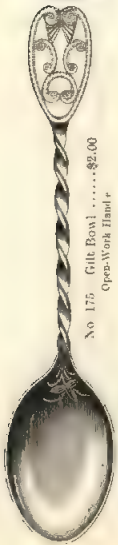
Phillips Brooks.....$2 4 1
Bowl Oxydized. Raised Head. Etched



King's Daughters.....$2 25
Engraved Gilt Bowl
Open Work Handle



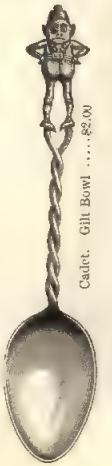
Christian Endeavor $2.25
Bowl Oxydized Raised Letters



No 175 Gilt Bowl $2.00
Open-Work Handle

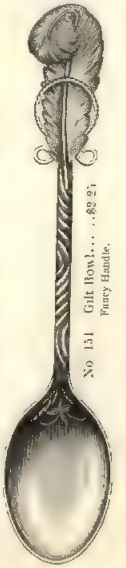
Good Luck.....$2 75
Oxydized. A combination of all the lucky emblems

Uncle Sam Gilt Bowl. $2.00



Cadet. Gilt Bowl $2.00

Policeman Gilt Bowl $2.00



No 151 Gilt Bowl... ..$2 25
Fancy Handle.

STEVENS' RIFLES.

Order Rifles on this Page by Number Only.

Fig. No. D7021

Stevens' "Sure Shot".

	EACH.
"Sure Shot" Rifle, **22 R. F. Caliber,** 20 inch Round Barrel, Nickel Plated Frame, Blued Barrel, Black Walnut Stock, Weight 3½ lbs.,	$10.00

This Arm is chambered for the 22 Long Rifle Cartridge, but any of the Shorter 22 R. F. Cartridges may be used in it.

Fig. No. D7029

Stevens' Favorite.

22 R. F. Caliber, 22 inch Half Octagon Blued Barrel, Case Hardened Frame, Weight 4¾ lbs. Shoots 22 R. F. Long Rifle Cartridges and all Shorter 22 R. F. Cartridges and "BB" Caps.

	EACH.
No. 17—Plain Open Sights,	$12.50
No. 18—Graduated Peep, Open Back and Beach Front Sights,	17.00
No. 19—Lyman " " " " " " "	17.00

One in a Box.

Fig. No. D7023

Cut shows No. 32.

Ladies' Rifles, 22 R. F. Caliber.

Half Octagon Barrel, Fore-end and Stock Varnished, Nickel Plated Frame and Butt Plate, splendidly balanced, light weight and especially adapted for Ladies' use. 24 in. Barrel, Weight 5¼ lbs.

	EACH.
No. 31—Plain, Open Sights Only,	$25.00
No. 32—Beach Front Sight, Open Back Sight on Barrel and Graduated Peep Sight on Frame,	28.00

Shoots 22 R. F. Long Rifle Cartridges and all the Shorter 22 R. F. Cartridges and "BB" Caps.

Fig. No. D7024.

Stevens' New Model Pocket or Bicycle Rifles.

Round Barrel, Stevens' Combination Sights, Detachable Shoulder Rest, Nickel Plated Frame and Rest. 22 Caliber Rim Fire, Shoots 22 R. F. Long Rifle Cartridges and all Shorter 22 R. F. Cartridges and "BB" Caps.

	EACH.
No. 200—10 in. Barrel, Weight 2 lbs.,	$12.25
No. 201—12 " " -2¼ "	13.25
No. 202—15 " " 2½ "	15.00
No. 203—18 " " 2¾ "	16.50

One in a Box.

TARGET RIFLES.

In Ordering Rifles on this Page, the Marginal Numbers on the Left will be sufficient to designate them.

Fig. No D7017.

Quackenbush Junior Safety Rifle.

22 R. F. Caliber.

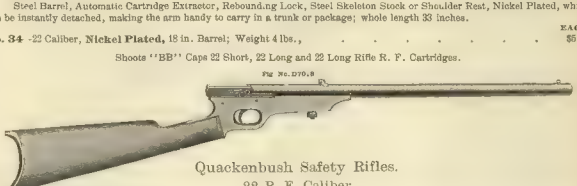
Steel Barrel, Automatic Cartridge Extractor, Rebounding Lock, Steel Skeleton Stock or Shoulder Rest, Nickel Plated, which can be instantly detached, making the arm handy to carry in a trunk or package; whole length 33 inches.

EACH

No. 34 -22 Caliber, **Nickel Plated,** 18 in. Barrel; Weight 4 lbs., ... $5.25

Shoots "BB" Caps 22 Short, 22 Long and 22 Long Rifle R. F. Cartridges.

Fig No. D70.8



Quackenbush Safety Rifles.

22 R. F. Caliber.

Steel Barrel, Automatic Cartridge Extractor, Rebounding Lock, Black Walnut Stock, so fastened to the Barrel that the two may be easily and quickly separated, making the arm handy to carry in a trunk or package, whole length 33 inches.

Blued.	EACH.	Nickel Plated.	EACH.
No. 35—18 inch Barrel, Weight 4½ lbs., .	$6.00	**No. 36—18** inch Barrel, Weight 4½ lbs., .	$6.00
No. 37 22 " " " 5 " . .	6.38	**No. 38—22** " " " 5 " . .	6.38

Shoots "BB" Caps 22 Short, 22 Long and 22 Long Rifle R. F. Cartridges.

Fig. No D7019

EACH.

No. 41 Blued same as No. 37, but with Globe and Peep Sights, . $6 75

No. 042 Nickel Plated same as No. 38, but with Globe and Peep Sights, ... 6 75

One in a Box. Ten in a Case.

CADET RIFLES.

Fig No D7030

Breech-Loading.

EACH

Cadet, Remington System, Blued Finish, Angular Bayonet, 32 Caliber, Rim Fire, Length of Barrel 28 in , Total Length, without Bayonet, 43 in., Bayonet 12 in., Weight about 4¾ lbs., ... $6.00

Recommended for Blank Cartridges only.

PER DOZEN.

Sling Straps, for Cadet Rifles, ... $4.50

PER SET.

Belt, with Plain Plate, Cartridge Box and Bayonet Scabbard, ... $1 50

SIMMONS HARDWARE COMPANY

HEDGE KNIVES.

Fig No. D1954.

Disston's Hedge Knives.

PER DOZEN.

No. 1—**Disston's,** Cast Steel, Full Polished, 14 Gauge, 17 in. Blade, Sword Pattern Handle, ... $4 75

One Dozen in a Box. Weight, per Dozen, 15 lbs.

Fig. No. D1955.

Keen Kutter Hedge Knives.

Extra Quality Steel, Solid Socket, Bronzed and Axe Finish Blade, with Selected Handles. PER DOZEN.

No. 92 Keen Kutter, Convex Blade, . $35.00

One Dozen in a Box. Weight, per Dozen, 54 lbs.

Fig. No. D1956.

R. L. Morton's Hedge Knives.

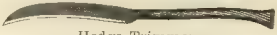
Extra Quality Steel, Extra Heavy Full Polished Blade, Heavy Ferrule and Flat Riveted Tang, No. 1 Quality, Hickory Handle. PER DOZEN.

R. L. Morton's—**Ohio Pattern,** . . $18.00

Weight, per Dozen, 60 lbs.

HEDGE TRIMMERS.

Fig No. D1957



Hedge Trimmers.

Solid Forged Steel, Selected Quality, with Heavy Ferrule, Painted Green, with Extra Heavy Handle 21 inches Long. PER DOZEN.

No. 10—**Havana, Concave** Blade 18½ to 20 in. Long, ... $10.00

No. 20 Havana, Convex Blade 18½ to 20 in. Long, ... 10.00

One-half Dozen in a Package. Weight, per Dozen, 40 lbs.

BUSH HOOKS.

Fig No. D1958

Stevens' Bush Hooks.

Extra Quality Steel, Spear Point, Bronzed and Axe Finish Convex Blade, Solid Socket, with Selected Straight Pattern Handles. PER DOZEN.

Stevens'—Convex Handled, ... $15.00

One Dozen in a Box. Weight, per Dozen, 50 lbs.

Fig No. D1959.

Fig. No. D1960.

Bush Hooks.

2 Ring.

PER DOZEN

No. 91 2 Ring, Cast Steel, Painted Blue, **without Handle,** $12.00

No. 94—**Keen Kutter,** Extra Quality Steel, Bronzed and Axe Finish, **without Handle,** . . 15.00

Average Weight, per Dozen, 27 lbs.

Strapped Eye, Axe Handled

PER DOZEN.

No. 95—**Keen Kutter,** Extra Quality Steel, Medium Bronzed and Axe Finish, **with Selected Quality Turned Handle,** . . $15.00

No. 1—**Standard,** Cast Steel, Light Bronzed and Axe Finish, **with No. 1 Turned Handle,** . . 12.00

No. 2 Standard, Cast Steel, **Extra Heavy,** Bronzed and Axe Finish, **with No. 1 Turned Handle,** 18 00

Weight, per Dozen, Keen Kutter, 53 lbs.; No. 1, Standard, 50 lbs.; No. 2, Standard, 60 lbs.

One Dozen in a Box.

SIMMONS HARDWARE COMPANY

PRUNING AND HEDGE SHEARS.

Fig. No. D1961

S. H. Co., Pruning Shears.

PER DOZEN.

No. 100—S. H. Co., Pruning, Solid Cast Steel Blades, Draw Cut Knife, Polished White Ash Handles, Oil Finish; Length of Handles, 29 inches, $24.00

Weight, per Dozen, 40 lbs.

Fig. No. D1962.

Buckeye, Pruning or Hedge Shears.

PER DOZEN

Buckeye, Pruning or Hedge, Solid Cast Steel Blades, ... $12 00

Weight, per Dozen, 27 lbs.

Fig. No. D1963.

Ohio, Pruning Shears.

PER DOZEN.

No. 1—Ohio, Pruning, Solid Cast Steel Blades, Draw Cut, ... $30.00

Weight, per Dozen, 60 lbs.

Fig. No. D1964.

Ohio, Hedge Shears.

PER DOZEN.

No. 2—Ohio, Hedge, Solid Cast Steel Blades, Draw Cut, ... $36.00

Weight, per Dozen, 45 lbs.

Fig. No D1965

McElhaney's, Hedge Shears.

PER DOZEN.

McElhaney's, Hedge, Solid Cast Steel Blades, . $16.00

Weight, per Dozen, 45 lbs.

Fig. No. D1966

Wilkinson's Pattern, Hedge Shears.

With Notch.

Blades, inches,	8	9	10
Per dozen,	$22.80	27.00	31 80

Weight, per Dozen: 8 in., 36 lbs.; 9 in., 42 lbs.: 10 in., 48 lbs.

TREE PRUNERS.

Fig. No. D1967

Waters' Pattern Tree Pruners.

Waters' Pattern,	Pole, feet,	6	8	10
	Weight, each,	2¾ lbs.	3⅛ lbs	4¼ lbs.
	Per dozen,	$27.00	30.00	30.00

EXTRA BLADES.

Fig. No. D1968

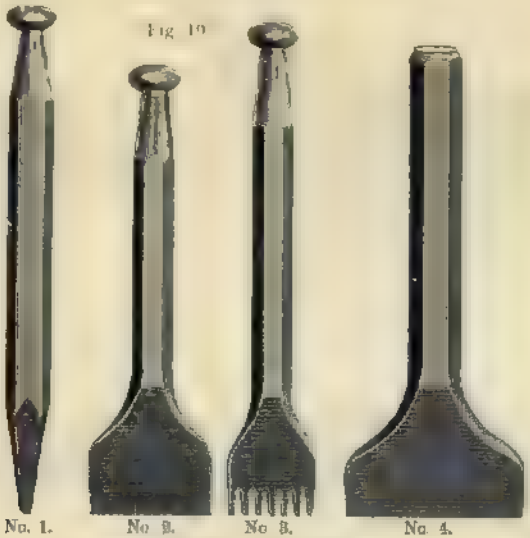
For Waters' Pattern Tree Pruners.

PER DOZEN.

Extra Blades, for Waters' Pattern Tree Pruners, ... $3.50

Stone Cutters' Tools.

Fig 10



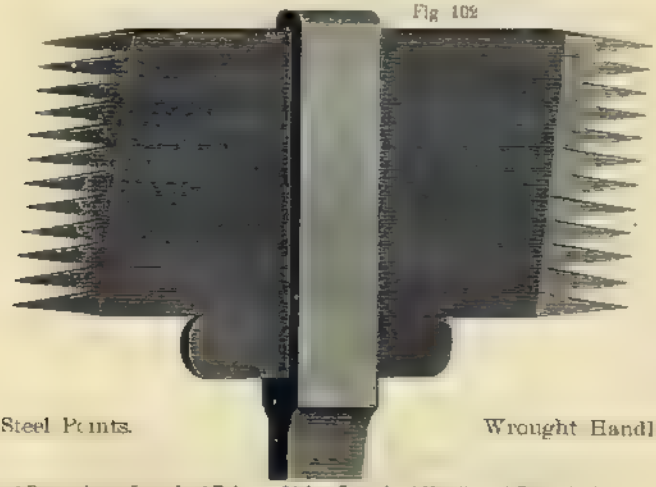
No. 1. No 2. No 3. No 4.

Best Cast Steel.

No. 1,	Stone Cutters' Points,	Size ¾ in.,	Entire Length 9 in.,	-	-	-	-	per pound, $
2,	"	Chisel,	Size ¼ and ½ in.,	Entire Length 9 in.,	Width ¼ to 2 in.,	"
3,	" "	Tooth Chisel,	" ¾ "	" " 9 "	" ¾ to 2 "	"
4,	" "	Pitching Tool,	" ½ "	" " 9 "	" 1½ to 2 "	"

Stone Cutters' Crandall.

Fig 102



Best Cast Steel Points. Wrought Handle and Eye.

Small,	Size of Point,	¼ in.,	Length of Points,	9½ in.,	Length of Handle and Eye,	17 in.,	-	each, $
Medium,	"	⅛ "	" "	10½ "	" " "	18½ "	"
Large,—		½ "	" "	10½ "	" " "	18½ "	"

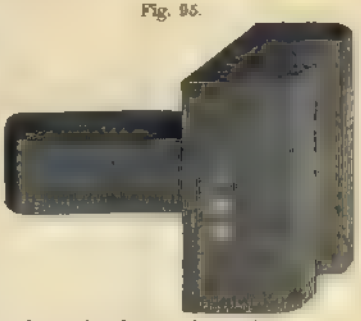
For Stone Cutters' Mallets see Index.

Blacksmiths' Tools.

Fig. 94.

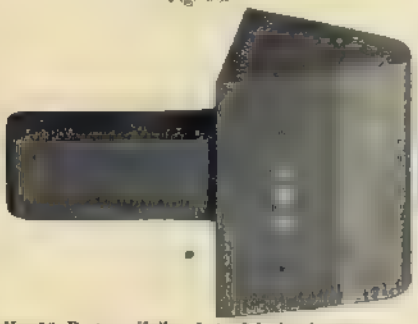
No. 53, Bottom Swage, ½ to 2 inches, by quarters, - - per pound, $ . .

Fig. 95.



No. 52, Top Swage, ½ to 2 inches, by quarters, per pound, - - $

Fig. 96.



No. 56. Bottom Fuller, ½ to 2 inches by quarters, - $. . .

Fig. 97

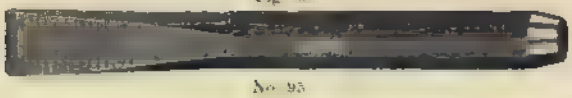
No. 55. Top Fuller, ½ to 2 inches, by quarters, per pound, - - $

Machinists' Cold Chisels

Fig. 98

No. 85,

Fig. 99



No. 95

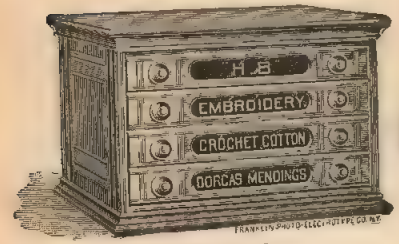
Size of Steel, - - -	Inches,	⅜	½	⅝	¾	⅞	1
No. 85, Buck Bros.' Solid Cast Steel, Octagon,	Per Dozen,	$2 40	3 00	4 00	5 25	7 50	11 00
95, Solid Cast Steel, Octagon, - -		3 60	4 50	6 00	7 50	10 00	12 80

Machinists' Cape Chisel.

Fig. 100

No. 50, Solid Cast Steel, Octagon, Sizes ⅜, ½, ⅝, ¾ inch, - - per pound, $

H. B. CABINETS.



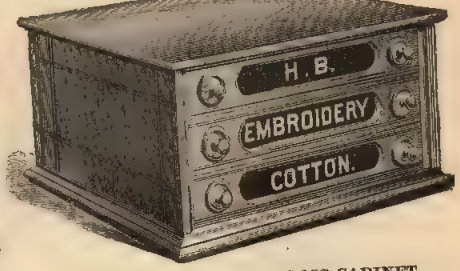
CABINET No. 2.

Cabinet No. 2 ..... each $20 00

Contents are same as drawers 1, 2, 3 and 4 in Cabinet No. 1.

Total Contents:

H. B." Embroidery cotton,	656 spools.	Retails at	5c...	$32 80
"H. B.' Crochet "	96 balls.	" "	15c ...	14 40
Dorcas darning "	216 cards.	" "	1c ..	2 16
" " worsted,	150 "	" "	3c ..	4 50
				$53 86



CABINET No. 3.—FIVE GROSS CABINET.

Cabinet No. 3 ..... each, $10 00

Drawer No. 1.

Nos	6	8	10	12	14	16	18	20	22	24	30	36	40
Turkey red	2	2	4	4	3	2	2	1	1	1	1	1	1 doz.

Drawer No. 2.

Nos	10	12	14	16	18	
Turkey red	3	2	2	2	2	doz.
Black	2	2	2	—	—	"
White	2	2	3	—	—	"
Navy blue	—	2	—	—	—	"

Drawer No. 3.

	Nos	12	14			Nos	12	14	
Light blue		1	1	doz.	Dark yellow		1	1	doz.
Medium blue		1	1	"	Dark Green		1	1	"
Pink		1	1	"	Medium brown		1	1	"

CABINET No. 1.

Drawer No. 1. "H. B." EMBROIDERY COTTON.

Nos.	5	8	10	12	14	16	18	20	22	24	30	36	40	
Turkey red	15	15	30	30	30	30	30	15	15	15	15	15	15	spools.
Black	—	—	16	16	16	16	16	—	—	—	—	—	—	"
White	—	—	14	14	14	14	14	—	—	—	—	—	—	"

Drawer No. 2.

Nos.	10	12	14	16	18	
Navy blue	16	16	16	16	16	spools.
Dark yellow	—	8	8	8	—	"
Light yellow	—	4	4	4	—	"

	Nos.	12	14	16			Nos.	12	14	16	
Light blue		8	8	8	spools.	Light green		4	8	4	spools.
Pink		8	8	8	"	Dark green		4	8	4	"
Seal brown		4	8	4	"	Light olive		4	8	4	"
Medium brown		4	4	4	"	Dark olive		4	8	4	"

"H. B." CROCHET COTTON.

	Nos	50	60	70	
Ecru		8	4	4	Balls.
Turkey red		4	4	4	"
Navy blue		4	—	—	"

Drawer No. 3. "H. B." CROCHET COTTON.

Nos	25	30	40	50	60	70	
White	8	8	8	8	8	8	balls.
Ecru	—	8	8	—	—	—	"

Drawer No. 4.

Assorted colors, 216 cards Dorcas Darning Cotton.
" " 150 " " " worsted

Drawer No. 5. DORCAS KNITTING COTTON.

Nos.	8	10	12	14	16	18	20	
White	6	6	6	6	6	6	6	balls.

Drawer No. 6.

	Nos.	10	12			Nos.	10	12	
Navy blue		6	6	balls.	Cardinal		6	6	balls.
Seal brown		6	6	"	Black		6	—	"

Drawer No. 7.

	Nos	10	12			Nos	10	12	
Blue and white		6	6	balls.	Scarlet and white		6	6	balls.
Brown and white		6	6	"	Black		—	6	"

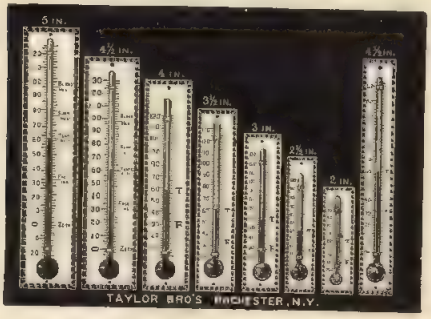
Total Contents of Cabinet.

"H. B." Embroidery cotton,	656 spools.	Retails at	5c	$32 80
"H. B." Crochet "	96 balls.	" "	15c	14 40
Dorcas darning "	216 cards.	" "	1c.....	2 16
" " worsted,	150 "	" "	3c.....	4 50
" knitting cotton,	126 balls.	" "	8c	10 08
				$63 94

CABINET NO. 1.

Cabinet No. 1 ..... each, $27 50

SCALE THERMOMETERS.



Style No. 255.

Silver, assorted sizes, 1 dozen on card. ..... per gross, $10 50
Colors, " " " " ..... " 12 00

THERMOMETERS ON WOOD BACKS.

All Thermometers in this list packed each one in separate box.

No. 251.	8 inch,	beveled,	black walnut back		per doz.,	$ 2 25
" 252.	10 "	"	" "	"	"	3 00
" 254.	8 "	"	ebony	"	"	4 50
" 254a.	8 "	"	maple	"	"	6 00
" 255.	10 "	"	cherry	" accuracy guaranteed	"	7 50
" 200.	10½ "	"	white enameled	" " "	"	10 50

NET.

RADIAL SCALE THERMOMETER.

FOR HOUSE USE.

The advantages claimed for this Thermometer are

FIRST. When hanging from a chandelier in the center of a room, it must denote the true temperature of the air, which result can hardly be expected from a thermometer hung against the wall.

SECOND. The construction of the Thermometer is such that its readings are noted on all sides with equal readiness.

THIRD. The column and figures being large and plain, they are easily distinguished at a distance.

FOURTH. The tube being protected by the scale on all sides, and the ball enclosed, renders it practically indestructible

Price..... per doz., $12 00

READ THE PREFACE BEFORE ORDERING.

PLIERS.

Fig No. D801

Cut Shows Single Plier.

Fig No. D802

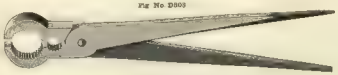
Cut Shows Double Plier.

Gas Burner.

No. 1—Polished, Cast Steel,	Inches,	**5 Single.**	**6 Single.**	**7 Double.**
	PER DOZEN,	$6 00	8.00	10.00
No. 2—Polished, Extra Quality Steel, PER DOZEN,		8.75	10.50	12.25

One-half Dozen in a Box.

Fig No. D803



Gas Pipe.

Gas Pipe, Cast Steel, Polished,	Inches,	**8**	**10**	**12**	**14**
	PER DOZEN,	$8 25	10.70	13 00	17.00

One-half Dozen in a Box.

TELEGRAPH PLIERS, CLAMPS AND CLIMBERS.

Fig. No. D804

Telegraph Splicing Pliers, for Linemen.

	EACH.
Telegraph Splicing Pliers, 8 in., with Side Cutters,	$3.00

Fig No D805

Telegraph Splicing Clamps, for Linemen.

	EACH.
Telegraph Splicing Clamps, 10 in., Solid Cast Steel,	$1.75

Fig. No. D806

Telegraph Climbers, for Linemen.

	PER PAIR.
No. 2 Telegraph Climbers, **without Straps,**	$2.00
No. 2/S—Telegraph Climbers, **with Straps,**	3.50

SNIPS.

Fig No. D797

Hand.

	PER DOZEN.
No. 11—Snips, Hand, **8 in.,** Solid Cast Steel, 1¾ in. Cut,	$15.00

For cutting screen wire cloth, light bench work, and general use on store counter.

TINNERS' SHEARS.

Fig No D798

Straight.

Heinisch's, Straight Tinner Shears, Trimmer Handles,	Nos.,	6½	7	8	9	10
	Cut, inches,	4½	4	3½	3	2½
	EACH.	$3.00	2 50	2 00	1 50	1.40

Fig No. D799

Straight.

P. S. & W., Straight Hand Shears,	Nos.,	6½	7	8	9	10
	Cut, inches,	4½	4	3½	3	2½
	EACH.	$3.00	2 50	2.00	1 50	1.40

Fig No. D800

Circular.

P. S. & W., Circular Hand Shears,	Nos ,	7	8	9	10
	Cut, inches,	4	3	3	2½
	EACH,	$3 50	3.00	2.50	2 25

One Pair in a Package.

SIMMONS HARDWARE COMPANY

GYMNASIUM GOODS.

Fig. No. D7814.

Eastman's Calisthenics.

	PER PAIR.
No. 2—**Japanned**, with Book of Instructions,	$0.50
No. 2X—**Nickel Plated**, with Book of Instructions,	1.00

A complete system of calisthenics brought within the compass of a single apparatus, of not over a pound in weight. The handles are of iron and are connected with rubber bands.

Fig. No. D7818.

The Laflin Friction Rowing Machine.

	EACH.
No. 119—**Laflin Machine**, packed for shipment,	$15.00

The means used to produce resistance is a simple friction clutch which gives instant hold at the commencement of the stroke and holds the pressure full to completion, the operation resembling a powerful sweep in a boat. It is easily taken apart without disturbing any bolt or screw and can be set away in a closet or put under the bed, occupying but a small space—a most valuable feature for home use. The machine is adjustable to give amount of friction and has an infinite variety of gradations, that for the average man is equivalent to his strokes or one third of a pound on Hearson's tester of thirty-two strokes per minute. Handsomely built from ash and maple, iron work Japanned, and every machine guaranteed.

Fig. No. D7816

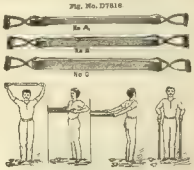


Fig. 1. Fig. 2. Fig. 3. Fig. 4.

Rubber Health Pulls.

	EACH.
No. A—For Children and Young Ladies,	$1.50
No. B—For Men of Ordinary Strength,	1.75
No. C—For Men Extra Strong,	2.00

Our Rubber Health Pulls are made of the rubber strands with a tackable band on each end. Figure 1 represents a Health Pull used singly. Figure 2 and 3 pair of Health Pulls fastened to seat for exercising muscles of the chest, back and muscles of the upper body. Figure 4 a pair fastened to floor for exercising muscles of back, loin, legs, etc.

TEN PIN ALLEY OUTFITS.

Fig. No. D7817

Size, in.,	8½	8	7½	7
EACH,	$3.50	3.00	2.75	2.50

Size, in.,	6½	6	5½	5	4½	4
EACH,	$2.00	1.80	1.50	1.25	1.00	.75

Ten Pin Balls.

Made of the best selected lignum vitae. In order to give an idea of the comparative sizes, we have made the above cuts on a scale of ½ inch to 1 inch of actual size. Balls 7½, 8 and 8½ have finger holes, unless otherwise ordered. A set of balls for a pair of alleys usually consists of the following four Regulation, three each 8½, 8, 7½ and 7, two each 6½, 6, 5½, 5 and 4½ inches. Estimates furnished for complete alleys.

Fig. No. D7818

Regulation Ball.

	EACH.
Regulation Ball, Circumference 27 in., Weight 16 lbs.,	$4.00

Fig. No. D7818½.

Pins.

	PER SET.
League Model,	$4.00
Candle Pins,	3.00

Outfits.

	PER BOX.
Foot Chalk,	$1.00
	EACH.
Sponges,	$1.00
Swing Cushions,	.50
Rubber for Newels,	.60
Blackboards,	1.00
Mahogany Framed Slates,	.50
Copper Sponge Cups,	.50
	PER SET.
Spots,	$1.00
Canvas Bag for Regulation Ball	.60

Score Books.

	EACH.
No. A—Club Size, 60 Games,	$1.25
No. B— " " "	1.75
No. C—Pocket Size, 100 Games,	.75
No. D— " 35 "	.50

GUITARS.

IMPORTED.

REGULAR SIZE.

No. 1369.	Dark red color, inlaid sound hole and edges. Good finish	Each $2 25
No. 1370.	Imitation rosewood, inlaid sound-hole and edges. Good finish	" 2 50
No. 1371.	" " fancy decalcomania sound-hole, inlaid edges. Good finish	" 2 90
No. 1372.	" " pearl ornamented sound-hole, inlaid edges	" 3 50

AMERICAN GUITARS.

THE "ARION" GUITAR.

These new instruments are one of our greatest successes, many thousands having already been sold. We desire to have them thoroughly examined by musicians not already familiar with these styles of guitars, believing that in presenting this grade of guitar we are meeting a want that has been for many years apparent, that of a thoroughly reliable American made instrument at a moderate price. They are made of solid mahogany, oak, and sycamore, beautifully finished. They will not crack, warp, nor shrink, the utmost care being taken to use only the most select and well-seasoned woods. The scale is perfect, being the same as that used on the famous Washburn guitars, and upon its absolute correctness we are prepared to stake our reputation. None genuine unless stamped as below.

No. 1374.	Finished in sycamore, natural color	Each, $4 85
No. 1375.	" imitation rosewood	" 5 50
No. 1376.	Solid oak back and sides, antique finish, imitation cedar neck, colored wood inlaying around sound hole, patent machine head, American make	" 7 50
No. 1377.	Same as No. 1376, finished in 16th century oak, with black celluloid bound edges	" 8 00
No. 1378.	Y. T. Same as No. 1377, finished with orange top	" 8 75
No. 1379.	"Arion," solid mahogany back and sides, Brazilian cedar neck, oval rosewood finger-board and rosewood bridge, patent machine head, colored wood inlayings around sound hole. Handsomely French polished	" 9 50
No. 1380.	Same as No. 1379, fine, with white celluloid bound edges	" 9 50
No. 1381.	Y. T. Same as No. 1380. Finished with orange colored top and white celluloid bound edges	" 9 50

SIMMONS HARDWARE COMPANY

THE "LEADER" BABY CARRIAGES.

The Finest Carriages Made.

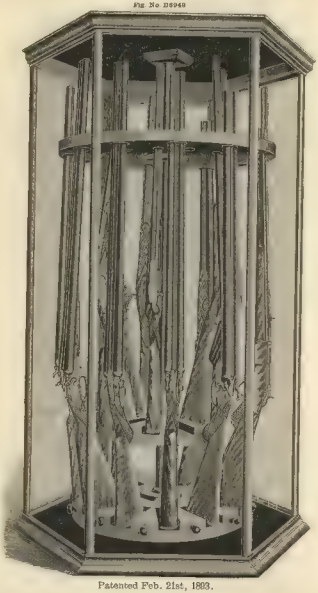
Fig No D4288

Cut showing "Leader" No. 392.

Send for our Special Catalogue, showing our full line of "Leader" Carriages, which illustrates the best line on the market.

THE COMMON SENSE GUN CASE.

Fig. No. B6948



Patented Feb. 21st, 1893.

EACH

Hexagon Case with Revolving Center, Oak Frame, all Glass Sides with Lock and Key, Holds 12 Shot Guns or Rifles with Platform in the Center to Hold 12 Target Rifles, Air Guns, etc. Height 56 in., Diameter 31 in., **Case Only**, Boxed Ready for Shipment, ... $25.00

Weight 225 lbs., Boxed Ready for Shipment.

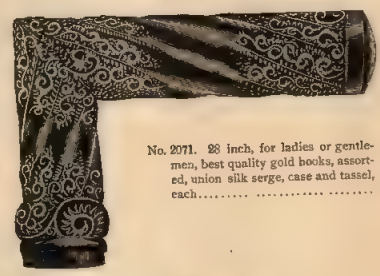
This Case is intended to be placed on the Counter.

Every Merchant will appreciate the Common Sense Gun Case. It will pay for itself in one season. A large display of Guns always before your customers, but in a Locked Case. No Rusty Guns to be sacrificed. No danger from sneak thieves. No one can visit your Store without looking at your Guns. When Guns are out of season, and the Stock is low, the interior of this Case is so arranged that other Goods can be displayed to advantage.

UMBRELLAS.

No. 2070. 28 inch, silver plate hooks, best silk twill, small handles, 8-rib paragon .....each, $1 25

No. 2070. 28 inch, silver plate hooks, best silk twill, small handles, 8-rib paragon.....each, 1 40



No. 2071. 28 inch, for ladies or gentlemen, best quality gold hooks, assorted, union silk serge, case and tassel, each..... .... $4 50

No. 2047. 26 inch, fine horn handle, solid acacia sticks, with silver swedge, best silk twill, 8-rib paragon.....each, $1 25

No. 2115. 26 inch, best quality gold, swing ring, solid pardridge stick, union silk serge, case and tassel.....each, $3 00

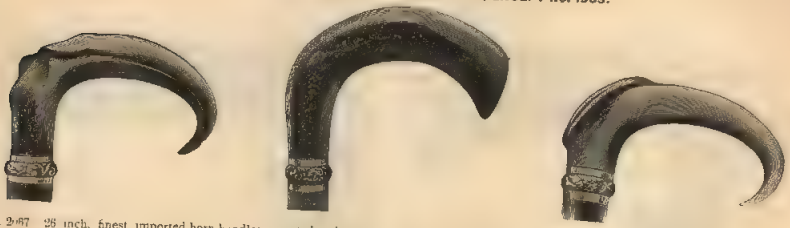
No. 2030. 26 inch, new double cupid handles, silver plate, best twilled silk, 8-rib paragon.....each, $1 15

No. 1948. 28 inch, union silk, large gold cap, case and tassel .. ..each, $3 50

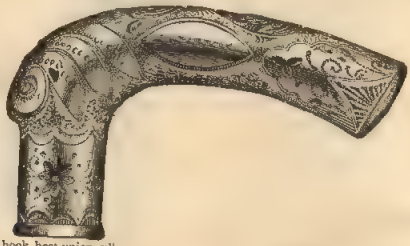
READ THE PREFACE BEFORE ORDERING.

UMBRELLAS.

CUTS ON THIS PAGE HALF OF ACTUAL SIZE, EXCEPT No. 1963.



No. 2067. 26 inch, finest imported horn handles mounted on best silk twill, acacia sticks with gold chased band, paragon, case and tassel, each $2 00



No. 1963. 26 inch, finest quality gold hook, best union silk serge, case and tassel. ..... each, $4 00
" 1963. 28 " " " " " " " " " " " " " ..... " 4 50

No. 1966. 26 inch solid ebony carved sticks, Windsor silk, case and tassel . each, $5 00

No 1957. 26 inch, imitation ebony sticks, Windsor silk, case and tasse .. each, $3 50

No. 2069. 28 inch, union serge imitation ivory tusk, case and tassel, crab mounts for men .. . . . each, $3 50
No. 2069. 30 inch each, 4 00

No. 1962. 26 inch, finest imported natural sticks for ladies, Windsor silk, case and tasse . . . . each $4 50

READ THE PREFACE BEFORE ORDERING.

PLANISHED WARE.

Fig. No. D6040

Victoria Tea or Coffee Urns.

Planished Copper, Nickel Plated, High Stands, with Coal Oil Lamp Stove, Patent Combination Textile Filter and Glass Indicator.

	EACH.
No. 1008—8 Quarts,	$27.35
No. 1012—12 Quarts,	31 35
No. 1016—16 Quarts,	35.35

Fig. No. D6041.

Planished Round Urns, without Warmers.

Without Warmers, with Alcohol Lamps.

Nos.,	0	1	2	3	4	5	6
Quarts,	4	6	8	11	14	18	24
Each,	$5.75	6.25	6.85	7.85	9.35	10.50	12.50

Fig. No. D6042

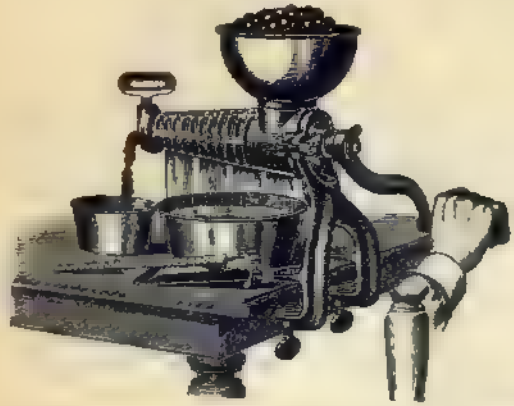
Planished Round Urns, with Tumbler Warmers.

With Tumbler Warmers and Alcohol Lamps.

Nos.,	0	1	2	3	4	5	6
Quarts,	4	6	8	11	14	18	24
Each,	$7.50	8.00	8.60	9.60	11.10	12.25	14 25

Fruit Presses.

ENTERPRISE
Fig. 5793.



HENIS' PATENT.
Fig. 5794.

No. 24, Enterprise Combination Fruit Press, Tinned, for Wines, Jellies, etc., - - each, $3 00

Six in a Box.

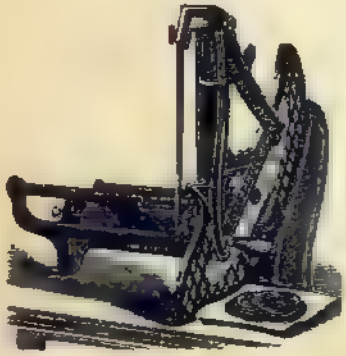
Henis' Fruit Press and Vegetable Strainer, for Wines, Jellies, etc., and mashing Potatoes, per doz. $4 50

One Dozen in a Box.

Beef Shavers and Cheese Knives.

ENTERPRISE.

BEEF SHAVERS.
Fig. 5795.



CHEESE KNIVES.
Fig. 5796.

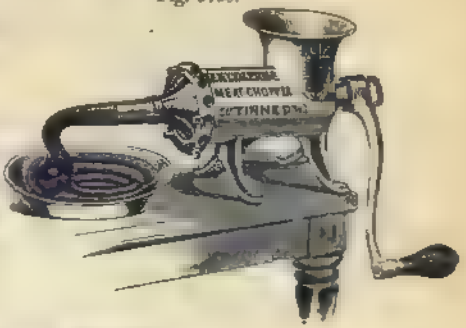
Champion, Japanned, - - each, $7 50

Self-Ganging, without Cover, - - each, $10 00
" with " - " 12 00

Sausage Stuffing Attachment

FOR ENTERPRISE MEAT CHOPPERS.

Fig. 5790.



This attachment is made of Spun Brass, Nickel-plated, is very strong and durable, and is attached under the ring after Perforated Plate and Knife have been removed

Attachments only for	No. 5	Chopper,	per dozen,	$ 3	75
" "	" 10	"	"	4	50
" "	" 12	"	"	4	50
" "	" 20	"	"	6	00
" "	" 22	"	"	6	00
" "	" 32	"	"	7	25
" "	" 42	"	"	22	50

Perry's Sausage Stuffer.

Fig 5791

Japanned.

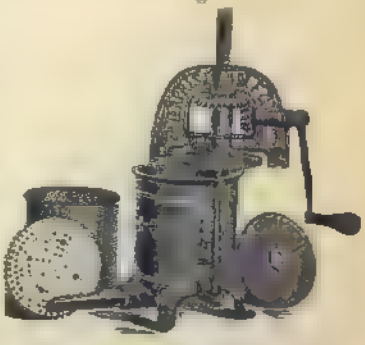
No. 0. For Butchers' use,	per dozen,	$21	00
1, " Family "	"	15	00

One half Dozen in a Box.

Combined Fruit and Lard Press and Sausage Stuffer.

ENTERPRISE.

Fig. 5792.



With each Press is included 2 Plunger Plates, 1 Perforated Strainer Plate, 1 Perforated Tin Cylinder, and 1 Tin Stuffing Tube

No. 15, 2 Quarts, Japanned,	each,	$4	00
25, 4 " "	"	5	00
35, 8 " "	"	8	00

Nos. 15 and 25. Six in a Box

No 35, Three in a Box.

EXTRA PARTS.

Size	Arch Each.	Iron Cylinder Each	Screw Each.	Plunger Plate Each.	Tin Cylinder Each	Crank Each	Cogs, Per Pair	Strainer Plate Each	Tin Spoon Each.	Ring Each.
15	$1 00	$. 00	$. 00	$ 25	$0 40	$0 25	$0 50	$0 20	$0 30	$0 15
25	1 50	1 50	1 00	30	50	30	1 00	25	30	20
35	1 75	3 25	1 50	55	60	40	1 00	45	30	25

Letter or Post Boxes.

Fig. 3371

No. 4.

Fig. 3372.

No. 6.

Fig. 3373.

Nos. 2 and 3.

Fig. 3374

No. 25.

Fig. 3375.

Nos. 10 and 20

No. 2,	Japanned Iron,	3 inches deep,	7 inches wide,	11 inches high.	Yale Spring Lock,	3 Keys,	per dozen,	$38 00
3,	"	"	2	"	"	5	"	"	8	"	"	"	"	3	"	"	30 00
4,	"	"	2¼	"	"	6	"	"	12	"	"	without Lock,				"	6 00
6,	"	"	1½	"	"	6½	"	"	14½	"	"	"	"			"	8 00
10,	Teutonic B'zed,	2½	"	"	5	"	"	10½	"	"	Spring Lock,	2 Keys,				"	16 00
20,	Antique Brass,	2½	"	"	5	"	"	10½	"	"	"	"	2	"		"	20 00
25,	Japanned Tin,	2½	"	"	5½	"	"	10	"	"	Tubular	"	2	"		"	40 00

QUADRUPLE SILVER PLATED NOVELTIES.

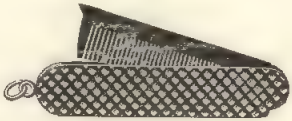
Nickel Silver. Silver Soldered.

PRICES EACH.

No. 6362. Collapsion Cup..$5.00
Satin Engraved.
Cut ½ Size.

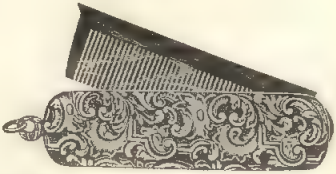
No 6834. Collapsion Cup $5.00
Satin Engraved
Cut ½ Size

No. 5605. Cork Screw.....$2.50
Bright Finish.
Cut ⅔ Size



No. 5549. Moustache Comb.....$1.90
Embossed Bright.
Cut ¾ Size.

No. 6934 Cork Screw.....$3.00
Bright Finish
Cut ⅔ Size



No 5509. Moustache Comb.....$2.50
Embossed Bright
Cut ¾ Size

No. 5508. Moustache Comb.....$2.50
Embossed Bright.
Cut ¾ Size.

No. 6934. Cork Screw Closed.

VIOLINS.

No. 1210.

No. 1207.

No. 1211.

No. 1207. Professional violin reddish brown color, polished, ebony finger-board and tail-piece ..... each, $10 50

To enhance the popularity of the violin as an instrument for ladies, we have had manufactured by one of the first European makers instruments four-fifths the regular size, which cannot but commend themselves for the purpose designed they being lighter, more easily handled, and less cumbersome than the ordinary violin

To insure genuineness, purchasers should see that each instrument bears the stamp upon the neck as shown above.

No. 1208.	Ladies'-violin, reddish brown color, shaded, oil varnished, ebony finger-board and tail-piece	each,	$ 6 25
" 1209.	" " " " " " " " " " " fine quality	"	9 50
" 1210.	Paganini, dark red color, oil varnished, imitation old, full ebony trimmed	"	7 00
" 1211.	Sarasate, medium red color, oil varnished, shaded, ebony finger-board and tail-piece, rosewood pegs	"	13 75
" 1212.	Stainer model, reddish brown color, swelled top and back, ebony finger-board and tail-piece	"	6 50
" 1213.	Guarnerius model, imitation of old, amber varnished, full ebony trimmed, fine quality	"	16 50
" 1214.	Stradivarius " " " " " " " " " "	"	17 50
" 1215.	Guarnerius " " " Italian pattern, " " " superior quality	"	24 00
" 1216.	Stradivarius " " " " " " " " " "	"	35 00

VIOLONCELLOS.

WITH PEG HEAD.

Prices do not include Bows.

No. 1217.	Reddish brown color, good quality	each,	$5 25
" 1218.	" " " better quality	"	6 25
" 1219.	Light red color, good quality, inlaid edges	"	8 75
" 1220.	" " " fine quality, polished, ebony trimmed	"	15 00
" 1221.	Guarnerius model, reddish brown color, polished, ebony trimmed	"	18 75
" 1222.	Stradivarius model, medium red color, highly polished, ebony trimmed	"	28 50
" 1223.	Italian, Stradivarius model, amber varnished, ebony trimmed, adjustable brass end pin, extra fine quality for artists	"	85 00

WITH PATENT HEAD.

No. 1224.	Reddish brown color, fair quality	each,	$ 7 00
" 1225.	Medium brown color; polished, good quality	"	9 00
" 1226.	Reddish brown color, inlaid edges better quality, brass plates	"	10 25
" 1227.	Dark brown color, inlaid edges, superior quality, brass plates	"	12 50
" 1228.	Stradivarius model, medium red color, highly polished, ebony trimmed, brass paten heads	"	32 00

VIOLIN BOWS.

1230. Redwood, natural color, plain ebony frog, bone button, no slide ..... per doz., $3 75
1231. " " " " " " " inlaid dot, bone button, pearl slide ..... " 4 50

1232. Maple, imitation snakewood, ebony frog, inlaid dot, German silver lined, pearl slide German silver button ..... per doz., $4 50

1235. "L. WENZEL," Brazil wood, ebony frog, pearl slide, pearl eye, full German silver lined German silver button..... per doz., $7 50

1236. "TOURTE," Brazil wood, octagon stick, ebony frog, pearl inlaid eye, pearl slide, German silver lined, German silver button per doz., $8 75

THE PATENT ECLIPSE VIOLIN BOW.

The above illustrations show the most important improvement ever made in the Violin Bow. A hinged cap at the upper, and a movable slide at the lower end enables the player to replace the old hair with new almost instantaneously, hence *every* Violinist *can rehair his own bow.* Full and complete instructions accompany each one.

3162. Brazil wood, round stick, ebony frog, pearl dot German silver lined, bronze metal slide, German silver button. ..... per doz., $12 50
3163. Brazil wood, round stick, better quality, same description as 3162..... " 15 00
3164. Brazil wood, round stick, fine quality, ebony frog, with pearl dot and metal inlaying, German silver lined, pearl slide, German silver button..... " 18 75
3165. Snakewood, good quality, round stick, ebony frog, pearl dot German silver lined, bronze metal slide, German silver button. " 22 50
3166. Pernambuco wood, good quality, round stick, ebony frog, pearl dot and slide, German silver button..... " 35 00
3167. Pernambuco wood, fine quality, round stick, rounded ebony frog, pearl dot, inlaid and pearl slide, German silver button... " 36 00
3168. Pernambuco wood, finest quality, round stick, rounded ebony frog, pearl dot, inlaid and pearl slide, German silver button..... " 40 00
3169. Extra Hair for Eclipse Bows, specially prepared.....per dozen bunches, 1 45

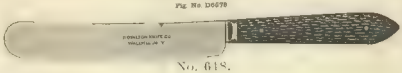
READ THE PREFACE BEFORE ORDERING.

SIMMONS HARDWARE COMPANY

TABLE CUTLERY.

Knives and Forks.

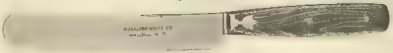
Fig. No. D6579



No. 618.

	PER GROSS.
No. 618—Bone Stag Handle,	$32 50

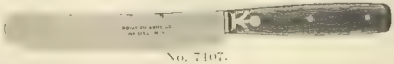
Fig. No. D6580



No. 251.

	PER GROSS.
No. 251—Cocoa Handle,	$18.00
No. 351—Ebony Handle,	19.50
No. 451—White Bone Handle,	22 50

Fig. No. D6581



No. 7107.

	PER GROSS.
No. 7107—Cocoa Handle,	$16.50
No. 8107—Ebony Handle,	18 00
No. 9107—White Bone Handle,	22 00

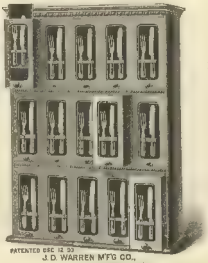
Fig. No. D6582

No. 700.

	PER GROSS
No. 700—White Bone Handle,	$22 00
No. 600—Ebony Handle,	19 50
No. 500—Cocoa Handle,	18 00

One Set in a Box.

Fig. No. D6583



PATENTED DEC 12 93
J. D. WARREN MFG CO.,
BURLINGTON, IA.

WARREN'S

Patent Glass Front Drawer Table Cutlery Cabinet.

Displays Fifteen Different Patterns and Will Hold Forty-Five Different Styles.

Every Pattern Always in Sight.

Prevents Samples Tarnishing and Quickly Pays For Itself By Additional Sales It Makes.

It Will Increase Your Sales and Profits.

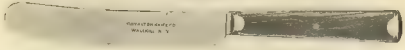
Five Cents a Day For One Year Will Pay For It.

	EACH.
No. 1012—Antique Oak, Three-Tier, 15 Drawers, Finished in Silk Plush,	$22.50
No. 1014—One Set of 15 Extra Styles—Sample Boards,	PER SET, $7.50

TABLE CUTLERY.

Knives and Forks.

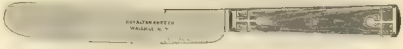
Fig. No. D6584



No. 0220.

	PER GROSS
No. 0220—Cocoa Handle,	$15.75
No. 0320 Ebony Handle,	17.25
No. 0420—White Bone Handle,	19.50

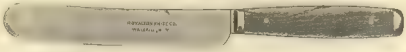
Fig. No. D6585.



No. 0240.

	PER GROSS.
No. 0240—Cocoa Handle,	$17.25
No. 0340—Ebony Handle,	18.75
No. 0440—White Bone Handle,	22.50

Fig. No. D6586



No. 0210.

	PER GROSS.
No. 0210 Cocoa Handle,	$18.00
No. 0310—Ebony Handle,	19.50
No. 0410—White Bone Handle,	24.00

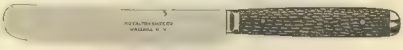
Fig. No. D6587

No. 0215

	PER GROSS.
No. 0215 Cocoa Handle,	$18.00
No. 0315 Ebony Handle,	19.50
No. 0415 White Bone Handle.	21.75

Nos. 0215, 0315, 0415 in Desserts, 50 cents net per gross less.

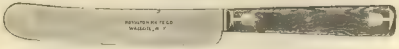
Fig. No. D6588



No. 622.

	PER GROSS.
No. 622 Bone Stag Handle,	$24.75

Fig. No. D6589



No. 7202.

	PER GROSS
No. 7202 Cocoa Handle,	$18.00
No. 8202 Ebony Handle,	19.50
No. 9202 White Bone Handle,	24.75

Nos. 7202, 8202, 9202 in Desserts, 50 cents net per gross less.

One Set in a Box.

EXTRA PARTS FOR WRINGERS.

Rolls for No. 10N Novelty and No. 2½ Universal.

	EACH
No. A —Boston, XXX, **Upper**, all White Solid Rubber, with Double Cogs, 10 x 1¾ in.,	$2.00
No. B Boston, XXX, **Lower**, all White Solid Rubber, with Double Cogs and Threaded Shaft and Nut, 10 x 1¾ in.,	2 00
No. 1 —Standard, **Upper**, with Double Cogs, 10 x 1¾ in.,	1.40
No. 2 —Standard, **Lower**, with Double Cogs and Threaded Shaft, 10 x 1¾ in.,	1 10

Rolls for No. 10K Keystone.

	EACH
No. 3 Standard, **Upper**, with Double Cogs, 10 x 1¾ in.,	$1.40
No. 4 —Standard, **Lower**, with Double Cogs, Threaded Shaft and Nut, 10 x 1¾ in.,	1.40

Rolls for No. 110 Happy Thought.

	EACH
No. 5 —Regular, **Upper**, with Double Cogs and Roller Bearings, 10 x 1¾ in.,	$1.75
No. 6 Regular, **Lower**, with Double Cogs and Roller Bearings, Threaded Shaft and Nut, 10 x 1¾ in.,	1.75

Rolls for No. 2½ Comfort, Nos. 1½, 10½ and B11½ Crown.

	EACH
No. 7 —Standard, **Upper**, with Double Cogs, 10 x 1¾ in.,	$1.40
No. 8 —Standard, **Lower**, with Double Cogs, Threaded Shaft and Nut, 10 x 1¾ in.,	1.40

Rolls for Samson.

	EACH.
No. 9 —Regular, **Upper**, with Double Cogs, 10 x 1¾ in.,	$1.40
No. 10 Regular, **Lower**, with Double Cogs, Threaded Shaft and Nut, 10 x 1¾ in.,	1.40

Rolls for No. 2 Superior, No. 2 Trojan and Eureka Pattern.

	EACH.
No. C —Boston, XXX, **Upper**, all White Solid Rubber, 10 x 1¾ in.,	$1.80
No. D Boston, XXX, **Lower**, all White Solid Rubber, with Threaded Shaft and Nut, 10 x 1¾ in.,	1.80
No. 11 Standard, **Upper**, 10 x 1¾ in.,	1.20
No. 12—Standard, **Lower**, with Threaded Shaft and Nut, 10 x 1¾ in.,	1 20

Rolls for No. 102 Good Idea.

	EACH
No. 13—Standard, **Upper**, with Roller Bearings, 10 x 1¾ in.,	$1.50
No. 14—Standard, **Lower**, with Roller Bearings, Threaded Shaft and Nut,	1 50

Rolls for No. 2 Genuine Alexander's Eureka.

	EACH
No. 15—Standard, **Upper**, 10 x 1¾ in.,	$1 20
No. 16—Standard, **Lower**, with Threaded Shaft and Nut, 10 x 1¾ in.,	1.20

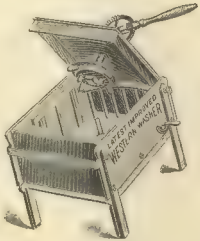
Miscellaneous.

	EACH.
No. 17 Clamps Complete, for No. 10N Novelty,	$0.30
No. 18—Clamp Screws only, with Buttons, for No. 10N Novelty,	.15
No. 19 Top Screws, for No. 10N Novelty,	.10
No. 20 Handles, Threaded, for No. 10N Novelty, No. 2½ Universal, No. 2 Superior No. 2 Trojan and Eureka Pattern,	25
No. 21—Clamps Complete, for No. 2½ Universal,	.30
No. 22 Clamp Screws only, with Buttons, for No. 2½ Universal,	15
No. 23—Top Screws, for No. 2½ Universal,	10
No. 24 Clamps Complete, for No. 10K Keystone,	30
No. 25 Clamp Screws only, with Buttons, for No. 10K Keystone,	.15
No. 26—Top Screws, for No. 10K Keystone,	10
No. 27—Handles, for No. 10K Keystone,	.25
No. 28—Clamp Screws only, for Samson,	15
No. 29—Top Screws only, for Samson,	.10
No. 30—Handles, for Samson,	25
No. 31 Clamps Complete, for No. 2 Superior, No. 2 Trojan, No. 2 Genuine Alexander and Eureka Pattern,	25
No. 32—Clamp Screws only, with Buttons, for No. 2 Superior, No. 2 Trojan and Eureka Pattern,	15
No. 33—Springs, for No. 2 Superior, No. 2 Trojan, No. 2 Genuine Alexander and Eureka Pattern,	.25
No. 34—Clamp Screws only, with Buttons, for No. 2 Genuine Alexander's Eureka,	.15
No. 35—Handles, for No. 2 Genuine Alexander's Eureka,	.25

Above Extra Parts are Carried in Stock. Others Can Only be Furnished by being sent Direct from Factories.

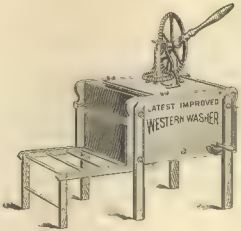
WASHERS.

Fig No. D4094



Interior View.

Fig No D4095



Exterior View.

Western Pattern, Corrugated Bottom.

PER DOZEN.

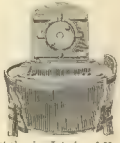
No. 2 Western Pattern Washers, Size of Box 20 x 25 in., Size of Tub 18 x 24 in. Inside, Size of Sliding Tub Rack 20 x 24 in., ... $72.00

No. 3 Western Pattern Washers, Size of Box 21 x 27 in., Size of Tub 19 x 25 in. Inside, Size of Sliding Tub Rack 21 x 30 in., ... 84.00

Weight per Dozen, No. 2, 800 lbs.; No. 3, 900 lbs. One-twelfth Dozen in a Crate.

Fig No D4096

Fig. No. D4098.



Cut showing Interior of No. 22.

Fig. No. D4097.

Cut showing Inside Crate of No. 1.

Round Pattern.

PER DOZEN.

No. 22 Round Pattern, Corrugated Sides and Bottom, Tub 25 x 12 in., Height 26 in., **Crated,** with Gearing and Legs Packed Inside, Weight per dozen, 600 lbs., ... $72.00

No. 1 Anthony Wayne Round Pattern, Loose Inside Crate or Basket, Tub 25 x 14 in., Height 26 in., **Crated,** with Gearing and Legs Packed Inside, Weight per dozen, 660 lbs., ... 96.00

One-twelfth Dozen in a Crate.

WESTMINSTER JERSEYS.

For Foot Ball, Bicycle and Athletic Sports.

Fig. No. D7742.

Solid Color.

Full Fashioned Jerseys, made of the finest combed Australian Wool, knit to shape of body and arms, elastic and strong, give free use of the limbs without binding or impeding them in any way. Are made with Full Sleeve and Roll Collar. Colors, Black, Navy Blue, Maroon, Garnet, White, Royal Blue. EACH.

No. J10—Full Fashioned, First Quality, . . $4.00

Plain Jerseys.

Full Fashioned, made of fine quality worsted and knit to shape. In two Colors only. Navy Blue and Black. EACH.

No. J11—Full Fashioned, Second Quality, . . $2.50

Striped Jerseys.

Full Fashioned and made of same material as No. J10, in the following popular combinations: Black with Cardinal, Maroon, Orange or White; Navy Blue and Cardinal; Navy Blue and White. EACH.

No. J12—Horizontal Stripes, Any Combination, . $5.00

Sizes, 28, 30, 32, 34, 36, 38, 40.

Fig. No. D7743.

Striped

WESTMINSTER ATHLETIC SHIRTS.

For Running, Jumping, Walking and Athletic Sports.

Fig. No. D7744.

Sleeveless.

Fig. No. D7745.

Quarter Sleeve.

Sleeveless Shirts.

EACH.

No. S13 Worsted, Best Quality, Full Fashioned, Assorted Colors, ... $2.75

No. S14—Cut Worsted, Full Fashioned; Colors, Navy Blue, Black, Maroon, ... 1.75

No. S15—Cotton; Colors, White, Black, Navy Blue, .50

Quarter Sleeve Shirts.

EACH.

No. Q16—Worsted, Best Quality, Full Fashioned, Assorted Colors, ... $3.00

No. Q17—Cut Worsted, Full Fashioned; Colors, Navy Blue, Black, Maroon, ... 2.00

No. Q18—Cotton; Colors, Black, Navy Blue, . .50

No. Q19—Sanitary Cotton, White only, . . .50

No. Q20—Cut Worsted, Full Fashioned; Colors, Navy Blue, Black, Maroon, ... 2 50

Sizes, 28, 30, 32, 34, 36, 38, 40.

WESTMINSTER KNEE TIGHTS AND PANTS.

Fig. No. D7746.

Fig. No. D7747.

Knee Tights.

PER PAIR.

No. K30—Best Worsted Knee, Full Fashioned, Assorted Colors, ... $2.50

No. K31—Cut Worsted Knee, Full Fashioned; Colors, Navy Blue, Black, Maroon, ... 2 00

Knee Pants.

PER PAIR.

No. K32 White or Black Sateen, with or without Stripes on Side, Elastic Back, ... $1.00

No. K33 White and Black Silesia, Elastic Waist, no Stripes, ...50

WESTMINSTER SWEATERS.

Fig. No. D7787

PER DOZEN.

No. 12 Ladies', Finest Worsted, Latest Style, **Puff Sleeves,** Lace Front or Button over Shoulder. Colors, Navy Blue, Black, White and Maroon, Sizes 30, 34, 36 in. Bust, ... $36.00

Fig. No. D7788

Fig. No. D7789

PER DOZEN.

No. 1 Finest Lambs Wool, Very Elastic, Full Fashioned, Rugn Collar, Full Weight, Sizes 28 to 42 in., Colors, Tan, Gray, White, Black, Navy Blue, Maroon, ... $60.00

No. 2—Medium Quality, Well Made, Full Fashioned, High Collar, Medium Weight, Sizes 28 to 42 in., Colors, Tan, Gray, White, Black, Navy Blue, Maroon, ... 42.00

PER DOZEN.

No. 8 Finest Lambs Wool, **Turtle Neck.** Very Elastic, Full Fashioned, High Collar, Full Weight, Sizes 30 to 42 in., Colors, Tan, Black, White, Navy Blue, Maroon, . . $84.00

No. 9—Finest Worsted, Lace Front, Very Elastic, Full Fashioned, Medium Weight, Highest Quality, for Summer Wear, Colors, Black, White, Navy Blue and Maroon, Sizes 28 to 42 in., 60.00

Cotton, High Collar, Light Weight, Well Knit, Sizes 26 to 42 in.

No. 4—**Navy Blue,** 12.00

No. 5—**Maroon,** 12.00

No. 6 **Black,** 12.00

No. 7—**Ecru,** 6.00

Fig. No. D7740.

Fig. No. D7741.

Shooting Sweaters.

Dead Grass Color.

Finest Quality, Lambs Wool, 3 Pockets, Full Fashioned, High Collar, Full Weight.

PER DOZEN.

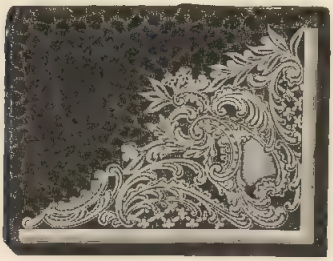
No. 10—Sizes 34 to 44 in., ... $36.00

No. 11—Lace Front, Sizes 34 to 44 in., ... 72.00

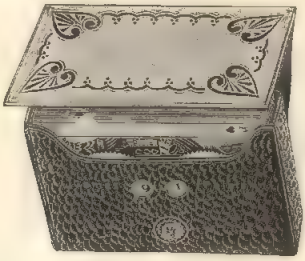
Nos. 12, 11, 10, 9, 8, 2 and 1, One in a Box; Nos. 4, 5, 6 and 7, Six in a Box.

☞ Any Size or Color not mentioned above can be furnished **from Factory direct only.** ☜

QUADRUPLE SILVER PLATED WARE.



No. 5. Playing Card Holder $4 25
Silver Plated. Open Work Front. Leather Back and Lining. With Pack of Cards and Counter



No. 368. Card Holder $4.25
Silver Plated. Satin Engraved Front. With Pack of Cards and Counter.

No. 371. Whist Counter..... .....$2 00
Silver Plated Satin Engraved Front. Leather Back and Linings. Cut ⅔ Size

No. 257. Card Holder....$3 00
Satin Engraved. With Pack of Cards

No. 355. Whist Counter.....$1.50
Satin Engraved. Cut Full Size.

No. 100. Soap Box
Satin Engraved. Gold Lined $3 00
Plain Satin Silver Lined 1.80
Cut ⅓ Size.

No. 125. Soap Box $3.60
Embossed Border. Plain Centre. Gold Lined

No. 27. Soap Box.....$2.75
Plain Satin. Silver Lined. Embossed Bright Shield. Cut ½ Size.

No. 28. Soap Box.....$3.25
Embossed Border. Satin Centre. Silver Lined. Cut ½ Size.

Mallets.

ROUND AND SQUARE.

Fig. 501 Fig 502 Fig. 503

No. 4. Nos. 5 to 7. Nos. 8 to 13.

| | | |

Mallets.

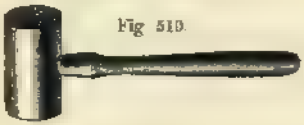
RAWHIDE BOUND

Fig. 509

No. 2,	Diameter of Face,	2	inches.	Weight, each,	12	ounces,	per dozen,	$	7 00
2½,	" "	2½	"	"	16	"	"		9 00
3,	" "	3	"	"	20	"	"		11 00

PATENT RAWHIDE

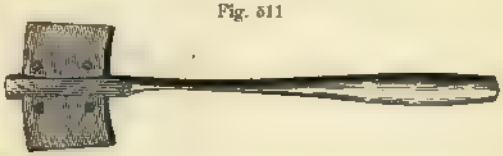
Fig 510



No. 0,	Solid Rawhide,	1	inch Face,	1¾	inches long,	Weight, each,	1¼	ounces,	per dozen, $ 2 40
1,	" "	1¼	"	2¼	"	"	3	"	" 3 00
2,	" "	1½	"	2¾	"	"	5	"	" 3 60
3,	" "	1¾	"	3	"	"	7	"	" 4 20
4,	"	2	"	3½	"	"	10	"	" 5 40
5,	"	2¼	"	4	"	"	20	"	" 12 00
6,	" "	2¾	"	5	"	"	24	"	" 15 00
7,	Loaded "	1¼	"	2¾	"	"	7	"	" 3 60
8,	"	1½	"	3	"	"	12	"	" 4 20
9,	" "	1¾	"	3½	"	"	15	"	" 4 80
10,	" "	2	"	3¾	"	"	20		" 6 00
11,	" "	2¾	"	4½	"	"	42		" 12 00

BUNG STARTER

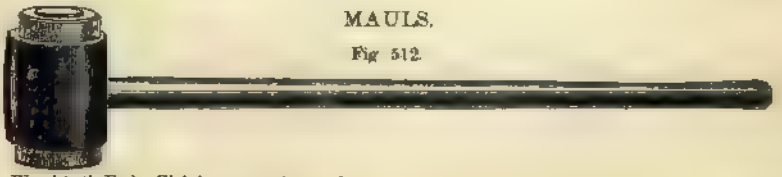
Fig. 511



Maplewood, Dovetailed Head, - - - - - - - per dozen, $2 00

MAULS.

Fig 512



Cast Iron,	Wood both Ends,	Weight,	each,	8	pounds,		per dozen,	$5 25
"	" "	"	"	9	"		"	5 50
"	" "	"	"	10	"		"	5 75
"	" "	"	"	12	"		"	6 50
"	" "	"	"	Assorted 8 to 12 pounds,			"	6 50

FEED CUTTERS.

Fig No. D3014

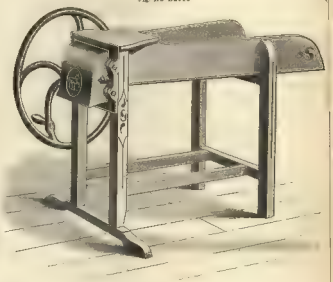
Lightning.

EACH.

Lightning Feed and Fodder Cutters, 11 in. Adjustable Knife, Length of Cuts, ½, ¾, 1 and 1½ in., Self Adjusting Feed Roller, . . . $18.00

Weight, 150 lbs., Knocked Down and Racked.

Fig No. D3015



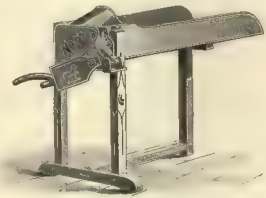
Sanford.

EACH.

No. 2 Sanford, Knives of English Steel, Tempered and Ground, ... $10.00

Weight, 100 lbs.

Fig No. D3016



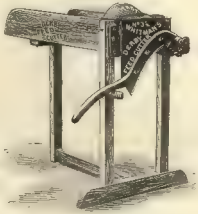
Lever.

EACH.

No. 3—Lever, Whitman's, with Adjustable Feed Gauge, for cutting at various lengths, . $7.50

Weight, 58 lbs.

Fig No. D3017



Whitman's.

EACH.

No. 3½—Lever, Whitman's, with Hawk Bill Knife, 10½ in. Cutting Box, with Gauge Plate, . $8.50

Weight, 60 lbs.

SIMMONS HARDWARE COMPANY

HAY KNIVES.

Fig. No. D3018

Cut shows Keen Kutter.

Lightning Pattern.

Forged from One Solid Piece of Steel, with Polished Edge, Hardwood Handles.

	PER DOZEN.
Keen Kutter—Extra Quality, Extra Ground and Tempered, Painted Red,	$12.00
Oak Leaf—Ground and Tempered, Painted Green,	11.00
Holt's, Genuine Lightning, Extra Quality, Extra Ground and Tempered, Painted Red,	13 00

One Dozen in a Box. Average Weight, per Dozen, 58 lbs.

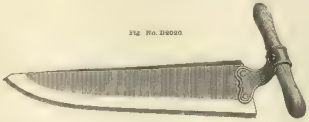
Fig. No. D3019

Heath's.

	PER DOZEN.
Heath's, Upright, Cast Steel Knife, Malleable Head, Socket and Step, Iron D Handle,	$15.00
Extra Sections for above,	5.00

One-half Dozen in a Bundle. Weight, per Dozen, 63 lbs.

Fig. No. D3020

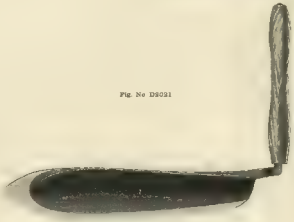


Canton

	PER DOZEN.
Canton, Sickle Edge, Cast Steel Blade, Malleable Shank, Hardwood Handle,	$24.00

One Dozen in a Box. Weight, per Dozen, 45 lbs.

Fig. No. D3021



American, Spear Point.

	PER DOZEN.
No. 2—American, Spear Point, 20 to 22 in., Painted, Boxed and Sharpened,	$15.00

One-half Dozen in a Box. Weight, per Dozen, 65 lbs.

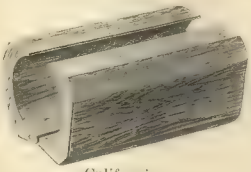
BUTTER MOULDS.

Fig. No. D4150

	PER DOZEN.
Individual Wood Butter Moulds,	$1.75
½ lb. Wood Butter Moulds,	4.25
1 lb. Wood Butter Moulds,	5.25

Packed Loose.

Fig. No. D4151

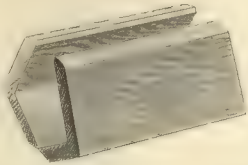


California.

2 lb. California, Round Wood Butter Moulds, **Hinged,** . . . . . PER DOZEN $6.00

Packed Loose.

Fig. No. D4153



Square.

2 lb. Square Wood Butter Moulds. **Hinged,** . PER DOZEN $6.00

Packed Loose

BUTTER PRINTS.

Fig. No. D4154

Wood Butter Prints, PER DOZEN $1.50

Packed Loose.

BUTTER LADLES.

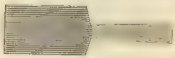
Fig. No. D4152

Wood Butter Ladles, . . PER DOZEN $1.10

Packed Loose.

BUTTER PATS.

Fig. No. D4155

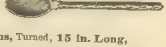


Wood Butter Pats, Ribbed, PER DOZEN $1.25

Packed Loose.

WOOD SPOONS.

Fig. No. D4156½



Wood Spoons, Turned, **15 in. Long,** . PER DOZEN $8.40

Three Gross in a Box.

WOOD TRAYS.

Fig. No. D4145

Maple Wood Trays, Oblong.

	PER DOZEN.
Small, Size 10 x 18 in.,	$4.50
Medium, Size 11 x 19 in.,	6.00
Large, Size 11 x 21 in.,	7.50
Assorted, Small, Medium and Large,	6.00

One-half Dozen in a Crate.
Average Weight per Dozen, 38 lbs.

WOOD BOWLS.

Fig. No. D4146

Maple Wood Bowls.

Inches,	13	15	17	19
PER DOZEN.	$1 40	2 50	4.00	5.50

PER DOZEN.
Assorted, 15, 17 and **19** in., $4 00

One-half Dozen in a Crate.
Average Weight per Dozen, 65 lbs.

GROCERS' WOOD SCOOPS.

Fig. No. D4147

Grocers' Wood Scoops, Maple, Hooded, Plain Finish.

	PER DOZEN.
No. 21 Blades 3 in. x 5½ in. Long, for Teas, Spices, etc.,	$2.25
No. 22—Blades 4 in. x 7½ in. Long, for Rice, Crackers, etc.,	2.75
No. 23—Blades 5 in. x 8½ in. Long, for Coffee, Sugar, etc.,	3.25
No. 24—Blades 6 in. x 10 in. Long, for Salt, Flour, Sugar, etc.,	4.25

Packed, No. 21, 10 Dozen; No. 22, 8 Dozen; No. 23, 5 Dozen; No. 24, 4 Dozen in a Barrel.
Average Weight per Barrel, 60 lbs.

WOOD VINEGAR MEASURES.

Fig. No. D4148

PER SET.
Wood Vinegar Measures, Maple, **In Sets only,** $2 50
(A Set consists of Pint, Quart and Half-Gallon Measure, with Funnel.)

Packed One Set in a Box. Weight, 10 lbs.

KNIFE BOXES.

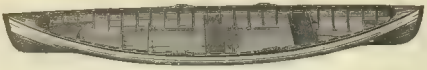
Fig. No. D4149

PER DOZEN.
No. 50 Knife Boxes, Plain Whitewood, Flaring Sides, Two Compartments, $3 50

Packed Loose.

SPRING LAKE CLINKER BOATS.

Fig No. D7642



Duck Boat, Grade C.

Oak Keel, Stems, Ribs and Gunwales. Planking Pine. Seats fastened with two Knees on each Seat, Sassafras or Ash Breast Hook. Painted inside and out, with Ribs, Seats, Clamps, Gunwales and Breast Hooks finished in natural color of Wood. Malleable Iron Row Locks. One Pair Straight Ash Oars. Movable Platforms and Bottom Boards.

14 feet Boat has one pair Row Locks. 16 feet Boat has two pairs Row Locks, trim with 1 to 3 persons.

No	Length.	Beam.	Depth at Ends.	Depth Midship.	No. Seats.	Seating Capacity.	Weight.	Each.
314	14 feet	32 in.	17 in.	10½ in.	2	2	80 lbs.	$30 00
316	16 "	36 "	20 "	13 "	3	3	110 "	35.00

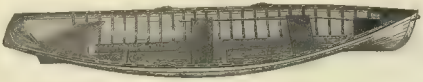
Fig No. D7643.

Are used as a hunting, fishing and family boat, being in great favor with tourists who wish a boat for a season only, then laid aside or disposed of at a little sacrifice.

Oak Keel, Stem, Stern and Ribs Gunwales Oak or Ash Pine Seats, fastened with Iron Knees. Ash or Oak Breast Hook. Planking Pine, fastened with Iron Nails and Screws Painted throughout Iron Stem Bands. Galvanized Malleable Iron Row Locks. One Pair Straight Ash Oars.

No	Length.	Beam.	Depth at Ends.	Depth Midship.	No. Seats.	Seating Capacity.	Weight.	Each.
413	13 feet.	36 in.	19 in.	12 in.	2	2	75 lbs.	$25.00
415	15 "	40 "	21 "	13 "	4	4	110 "	28.00

Fig. No. D7644.



Square Stern.

Oak Keel, Stem, Stern and Ribs. Gunwales Oak or White Ash. Pine or White Ash Seats fastened with four Iron Knees on each Seat. Ash or Oak Breast Hook. Planking Pine, fastened with Iron Nails and Screws. Two pairs Galvanized Iron Row Locks. One pair Straight Ash Oars. Iron Stem Band. Movable Bottom Boards. Painted throughout.

No.	Length.	Beam.	Height Stem.	Height Stern.	Depth Midship.	No. Seats.	Seating Capacity.	Weight.	Each.
515	15 ft. 8 in.	38 in.	22 in.	21 in.	12 in.	4	4	120 lbs.	$38.00
0515	15 " 8 "	42 "	24 "	23 "	14 "	4	5	140 "	42.00

Rudder and Yoke, **extra**, $1.50. Lazy Backs, **extra**, $2.50.

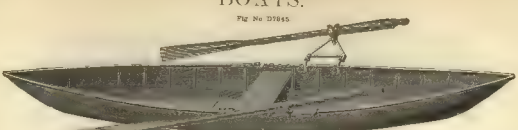
Packing Boats Net $1.50 **extra.**

10 feet Punting Oars, **extra** $2.00.

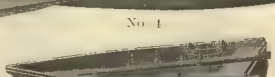
For Rubber Pillows, see Page 1606.

BOATS.

Fig. No. D7845.



No. 4



Cut showing the two Sections Nested.

W. E. Bond's Improved Sectional Boat.

For Exploring, Fishing, Hunting, Trapping and Traveling.

Materials and Fittings.

The sides are of Galvanized Iron, three times as strong as wood. The part next to the bottom board is lined with a thin board held in place by the ribs to prevent denting.

The Bottoms are air-seasoned, kiln dried and saturated with an oil cement; three-fourths of their liability to swell and shrink is removed.

The Rowlocks are of the Y or yoke pattern. The outriggers are a very late improvement, made so as either to turn down and hang inside, or take out.

The Sculls are of ash. A pair of Sculls and Rowlocks are furnished with every Boat.

Each Boat has an Air Chamber attached, to prevent sinking when filled with water.

In wild fowl shooting the sections are often used separately, and in making portage it is frequently desirable to have them detached.

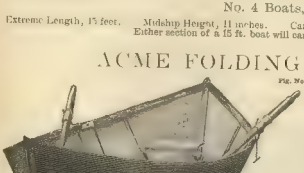
At an extra cost of **$10.00** for Mast and Sail, and **$7.00** for Deck, Step for Mast and Iron Lee-Board, these can be made excellent Sail Boats.

No. 4 Boats, each, $42.00

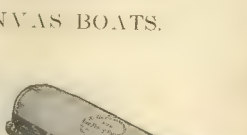
Extreme Length, 15 feet. Midship Height, 11 inches. Carrying Capacity, about 800 pounds. Extreme Width, 36 inches. Either section of a 15 ft. boat will carry one person. Weight about 100 lbs.

ACME FOLDING CANVAS BOATS.

Fig. No. D7846



No. 2, 12 feet. Boat Extended.



No. 2, 12 feet. Boat Folded.

Length of Bundle 50 inches, Diameter of Bundle 9 inches.

The Canvas is heavier than is usually used in making boats and is stronger than the usual thickness of birch bark and cedar used in making canoes. We use the best No. 1 and No. 6 hard woven canvas. The canvas alone weighs nearly 20 pounds.

The Oars are spruce, jointed with heavy brass ferrules, finished with shellac and varnish, copper tipped and feathered. They are made especially light, with the exception of the blades, which are thicker, than the ordinary oar blade to prevent their being split during transportation.

The Waterproofing is the most expensive and the best now in use and is mostly made of Rubber.

Supported only at the ends, it will sustain without bending to any perceptible degree a weight of 150 pounds placed in the center of the boat.

No. 2—Length 12 feet, beam, 45 inches, depth at stem and stern, 22 inches, depth amidships, 14 inches, weight in its light form, 35 pounds; weight complete, 50 pounds, capacity, two and three passengers.

Price of Boat with One Pair Oars and Two Seats, $40.00

For Rubber Pillows, see Page 1606.

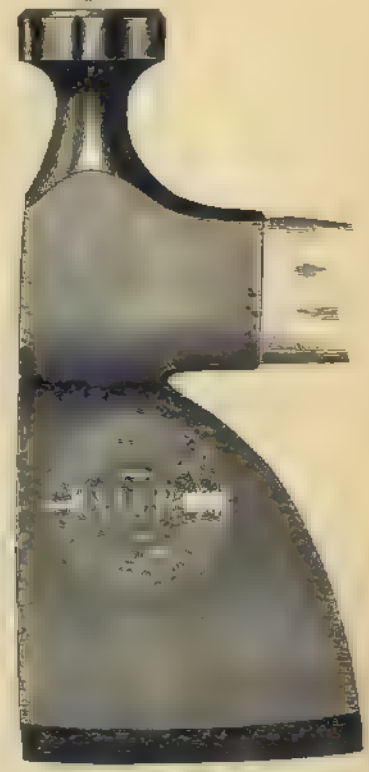
Hatchets.

Fig 41.

No. 521

Shingling.

Fig 42



No. 531

Half.

EXCELSIOR PATTERN.

Solid Cast Steel, Full Polished, Adze Eye, Bell Poll.

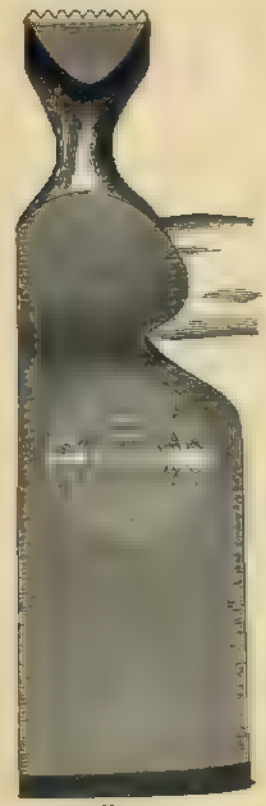
No. 521,	Size 2,	Shingling.	Cut 3¾	inches,	Weight,	without	Handle,	1 lb 4 oz.,	-	per dozen,	$15 00
531,	" 2,	Half,	" 3	"	"	"	"	1 lb. 2 oz.,	-	"	15 00

One-half Dozen in a Box

Lathing Hatchets.

BOSTON STAR PATTERN.

Fig. 43.



No. 540.
Turned Head.

BELL POLL.

Fig. 44.

No. 550.
Adze Eye.

BOSTON STAR PATTERN.

Fig. 45.

No. 570.
Square Head.

No. 540, Excelsior, Boston Star Pattern, Turned Head, Solid Cast Steel, Full Polished. Cut 2¼ inches, Weight, without Handle, 14 oz., - - - - - per dozen, $18 00

550, Excelsior, Bell Poll, Adze Eye, Solid Cast Steel, Full Polished. Cut 2¼ inches, Weight, without Handle, 1 pound, - - - - - " 15 00

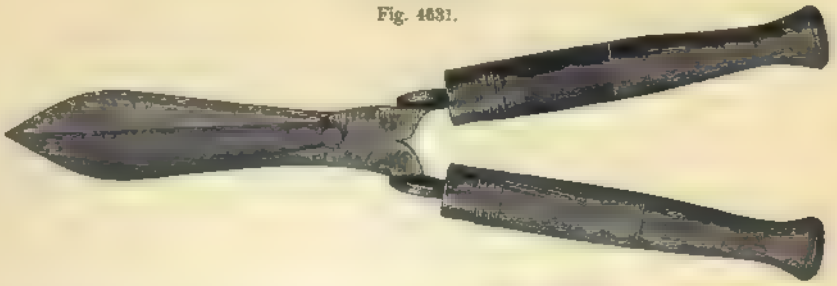
570, Excelsior, Boston Star Pattern, Square Head, Solid Cast Steel, Full Polished, Cut 2¼ inches, Weight, without Handle, 1 pound, - - - - " 16 00

One-half Dozen in a Box.

Hedge Shears.

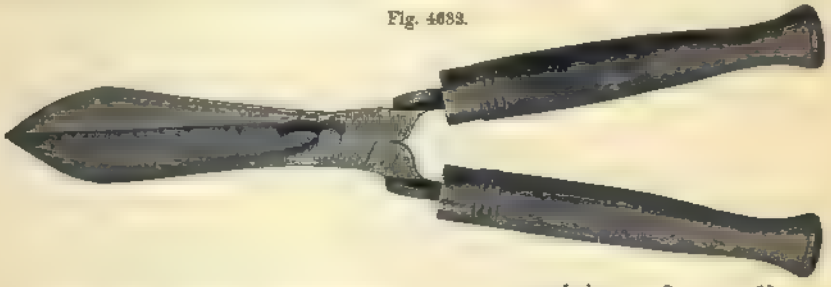
WILKINSON'S

Fig. 4631.



	Inches,	8	10	12
No. 100, Cast Steel Blades, not Notched, Varnished Hardwood Handles.	Each,	$1 63	2 38	3 63

Fig. 4632.



	Inches,	8	10	12
No. 101. Cast Steel Blades, Notched, Varnished Hardwood Handles,	Each,	$1 88	2 63	3 88

Tree Pruners.

BUCKEYE.

Fig. 4633.

No. 5. Buckeye Tree Pruners. Length of Handles 24 inches, - per dozen, $15 00

STANDARD.

Fig. 4634

	Nos.	0	1	2	3	4
Length of Handle, - - -	Feet,	4	6	8	10	12
	Each,	$2 00	2 25	2 50	2 50	3 75

Horse Hay Forks.

Fig. 4635.

No. 2, Double Harpoon Horse Hay Forks, - - - - - - per dozen, $18 00

Corn Planters.

XL.
Fig. 4636.

BUCKEYE.
Fig. 4637.

EAGLE.
Fig. 4638.

No. 1, XL Corn Planter, Iron Slide Valve, - - - - - - per dozen,	$10 00
2, Buckeye " " " Rotary " - - - - - - "	18 00
3, Eagle " " " " " - - - - - - "	20 00

Harrow Teeth.

Fig. 4639.

⅝ inch Square by 10½, 11 and 12 in. long, per lb., $. | ⅝ inch Square by 10½, 11 and 12 in. long, per lb., $.
Two Hundred Pounds in a Keg.

Water Filters.

Zanesville.

ZANESVILLE
Fig. 5822

Nos. 2 to 6.

Glazed Stoneware Bodies, with Natural Stone Filtering Disc.

No.	Each.	Will Filter Per Day, Gallons.	Extreme Height, Inches.	Extreme Diameter, Inches.	Weight, Pounds.
2	$4 50	4	21	10½	22
3	6 00	6	22½	12	27
4	8 00	8	25	13½	37
6	10 00	12	30	14	52

Kedzie's Patent.

Oak Body, Galvanized Iron Reservoir, with Sponge, Filled with Pure Charcoal and Gravel.

No.	Each.	Capacity of Reservoir, Gallons.	Extreme Height, Inches.	Diameter at Top, Inches.	Weight, Pounds.
1	$9 00	2	25	17	140
2	10 50	2½	27	18	175
3	12 00	3	29	20	200
4	13 50	3½	31	22	245
5	15 00	4	32	24	350

KEDZIE'S.
Fig. 5823.

Nos. 1 to 5.

Water Filters and Coolers.

CLIMAX FILTER.
Fig. 5824.

Nos. 52 to 55.

Climax Filter.

Galvanized Iron Body, Spun Zinc Cover, Iron Reservoir, Porcelain Lined, Japanned Stone Color

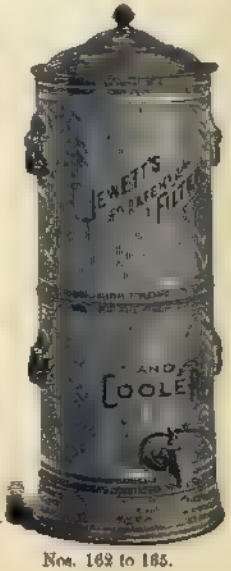
No.	Each.	Capacity of Reservoir, Gallons.	Extreme Height, Inches.	Diameter of Base, Inches.	Weight Boxed, Pounds.
52	$5 00	2	23	9½	50
53	6 50	3	27	12	70
54	8 00	5	30	12½	100
55	10 50	7½	35	14½	125

Combined Filter and Cooler.

Galvanized Iron Body, Spun Zinc Cover, Galvanized Iron Reservoir, Porcelain Lined, Charcoal Filled, Oak Grained

No.	Each	Capacity of Reservoir Quarts	Extreme Height, Inches	Diameter of Base, Inches.	Weight Boxed, Pounds.
162	$8 25	7½	29	11½	65
163	10 00	11	33	13	90
164	12 00	16	36	15	125
165	14 00	26	41	17	175

COMBINED FILTER AND COOLER.
Fig. 5825.



Nos. 162 to 165.

OCARINAS.

FIEHN'S VIENNA MAKE.

No. 3203. Key of C, soprano ..... each, $0 18
" 3204 " B♭, " 18
" 3205 " G, " 20
" 3206 " F, " 20
" 3207. " E, " 25
" 3208. " F♯, alto 25
" 3209 " D, " 27
" 3210 " C, " 27
" 3211. " B♭, " 35
" 3212 " A, " 37
" 3213 " A♭, " 40
" 3214 " G, " 45
" 3215 " F, " 55
" 3216 " E, " 75
" 3217 " F♯, " 75
" 3218. " D, bass 1 05

NICKEL PLATED. CH. MATHIEU, PARIS.

No. 3219 Key of C, soprano, nickel plated ..... each, $0 20
" 3220 " A, " " ..... " 25
" 3221. " F, alto, " ..... " 30
" 3222 " D, tenor, " ..... " 40
" 3223. " C, baritone, " ..... " 55
" 3224. " C, " " with tuning slide " 60

XYLOPHONES.

No. 3225. 15 maple bars, C to C, key of C, on frame, ordinary quality ..... each, $0 75
No. 3226. 15 maple bars F to F, key of F, on wisps of straw, fine quality ..... each, 1 25
No. 3227. 25 maple bars (10 *extra* bars for chromatic scale), F to F, key of F, on frame, fine quality ..... each, 2 75
No. 3228. 25 maple bars, F to F, key of F, chromatic scale, in double frame, fine quality ..... each, 3 25

PARLOR BELLS.

No. 3229. 12 blued steel bars, on frame, key of A ..... each $1 35
" 3230 12 " " " " " A♭ ..... " 1 35
" 3231. 12 " " " " " C ..... " 1 40
" 3232. 20 " " " " chromatic ..... " 2 75

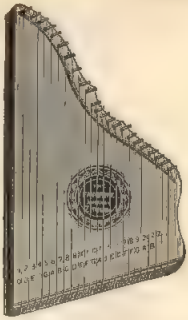
FANFARES.

No. 3233. Brass, 6 reed valves, superior quality .. per doz., $5 50
" 3234 " 8 " " " ..... " 6 75
" 3235. " 10 " " " ..... " 8 00

TOY TROMBONES.

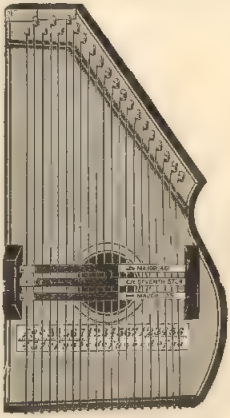
No. 3236. Brass, 6 reeds, superior quality ... per doz., $5 35
" 3237. " 8 " " ..... " 6 50
" 3238 " 10 " " " ..... " 7 80

ZITHERNS.



No. 3239. 15 strings, with key, nicely finished, in pasteboard case ..... each, $0 65
No. 3240. 22 strings, with key, neatly ornamented and finished, in pasteboard case ..... each, 1 15

AUTOHARPS.



No. 3241 21 strings, 3 bars, producing 3 chords ... each, $2 85
" 3242 23 " 4 " " 4 " " 3 35
" 3243 33 " 5 " " 5 " " 3 75
" 3244 28 " 4 " " 9 " " 7 95
" 3245 38 " 5 " " 11 " inlaid edges, sides and bottom imitation rosewood ..... each, 10 65
No. 3246. 28 strings, 5 bars, producing 18 chords, inlaid edges, sides and bottom imitation rosewood ..... each, 13 50
No. 3247. 32 strings, 6 bars, producing 16 chords, inlaid edges, sides and bottom metal on rosewood ..... each, 19 00

AUTOHARP CASES.

No. 3248. Wood, black varnished, half lined with flannel, handle, hooks and lock, to fit Nos. 1, 2 and 2¾ ..... each, $1 25
No. 3249. Wood, black varnished, half lined with flannel, handle, hooks and lock, to fit Nos. 3, 4 and 5 ..... each, 1 25
No. 3250. Wood, black varnished, full lined with flannel, nickel plated lock, handle and hook hasps, to fit No. 6 ..... each, 2 00

VIOLIN STRINGS.

Fac-simile of label with Trade Mark of Nos. 1645 and strings.

Naples, in paper boxes; E's are in full bundles, but A's and D's can be furnished in half bundles, if desired.

No. 1645.	E, 4 lengths, transparent and polished, fine quality	per bundle of 30 strings,	$2 00
" 1646.	A, 2½ " " " " " "	" " " " "	2 00
" 1647.	D, 2½ " " " " " "	" " " " "	2 85

German, Superlative, sold only in bundles, in metal boxes.

No. 1648.	E, 4 lengths, white and transparent, polished	per bundle of 30 strings,	$2 50
" 1649.	A, 2½ " " " " "	" " " " "	2 50
" 1650.	D, 2½ " " " " "	" " " " "	3 50

Fac-simile of label with Trade Mark (Registered) of No. 1651.

Kozie Flaki, or Russian Goat Gut, in square paper boxes, each string in separate wrapper bearing trade mark, "None Others Genuine." E's are in full bundles, but A's and D's can be furnished in half bundles (in boxes) if desired

No. 1651.	E, 4 lengths, transparent and polished, fine quality, extra durable	per bundle of 30 strings,	$3 75
" 1652.	A, 2½ " " " " " " " "	" " " " "	3 75
" 1653.	D, 2½ " " " " " " " "	" " " " "	5 00

Handsomely colored show cards for the Kozie Flaki strings furnished dealers upon application.

Egg Beaters.

DOVER

Fig. 6275

Fig. 6274

Nos. 2 and 3.

Nos. 3½ and 4.

KEYSTONE.

Fig. 6276

No. 10

No. 2, Dover, Family Size,	per dozen,	$ 1 75
3, " Extra Family Size,	"	9 00
3½, " " " " with Clamp,	"	10 00
4, " Mammoth " " for Hotels, etc	"	60 00
10, Keystone, with Wall Bracket and 3-quart Glass Vessel,	"	12 00

No. 2, One Dozen in a Box; Nos. 3 and 3½, One-half Dozen in a Box:
Nos. 4 and 10, One-twelfth Dozen in a Box

Fly Traps.

BALLOON.

Fig. 6277

HARPER.

Fig. 6278

Tinned Wire, Wood Bottom, per dozen, $2 30 Green Painted Wire, Wood Bottom, per dozen, $3 00

One Dozen in a Box.

QUADRUPLE SILVER PLATED WARE.

No. 6000 Prize Cup Foot Ball..... .....$19.80

Etched, Gold Lined.

No. 6300 Prize Cup. Lawn Tennis .$16.20

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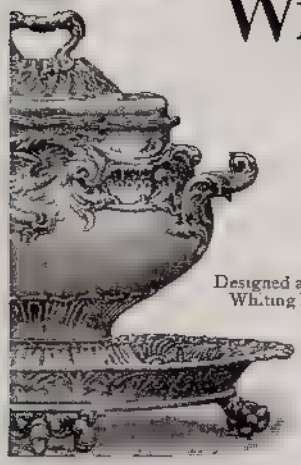

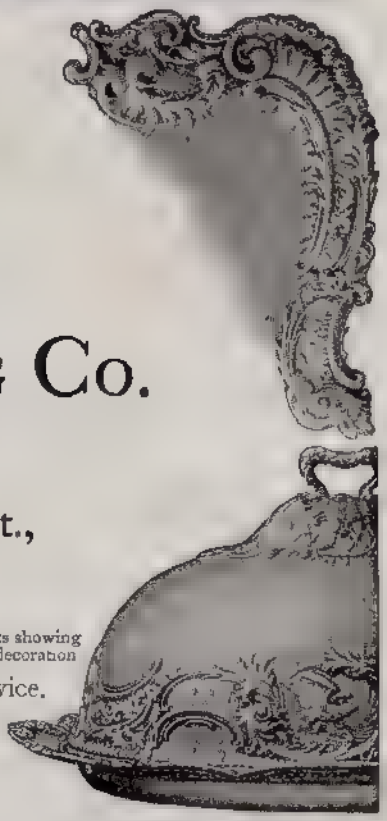

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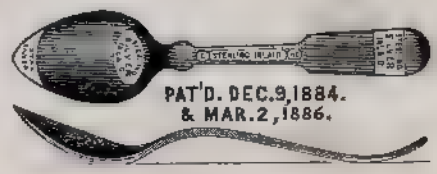

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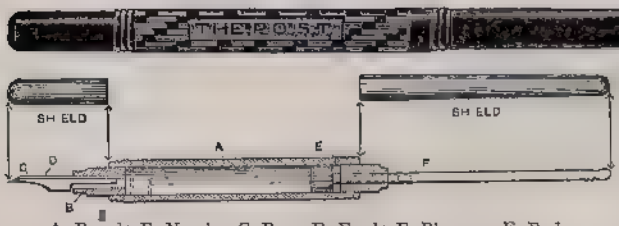

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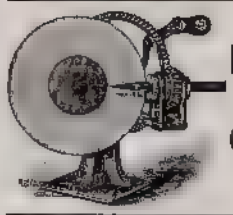

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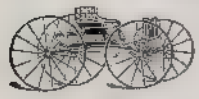

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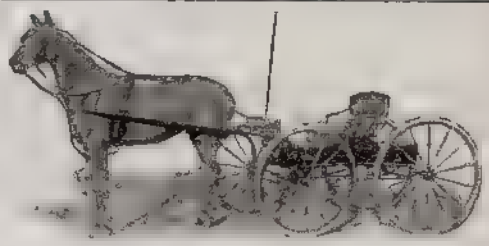

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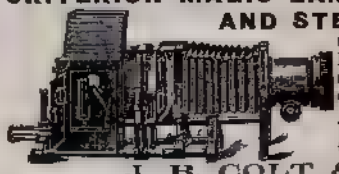

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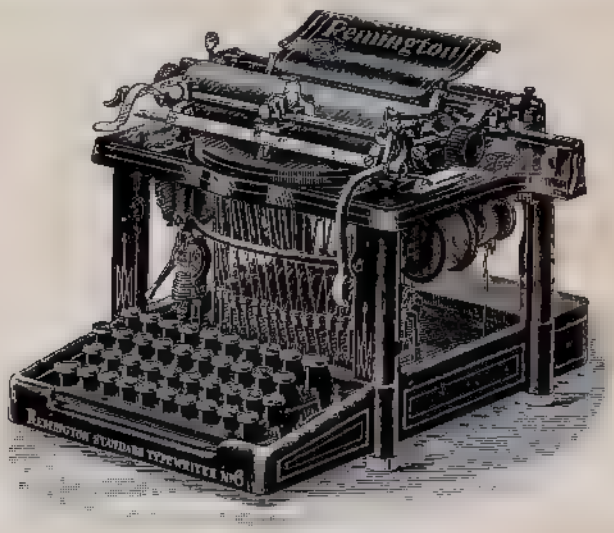

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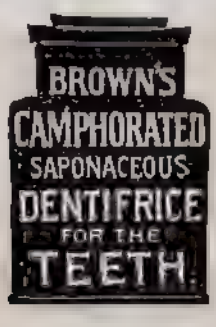

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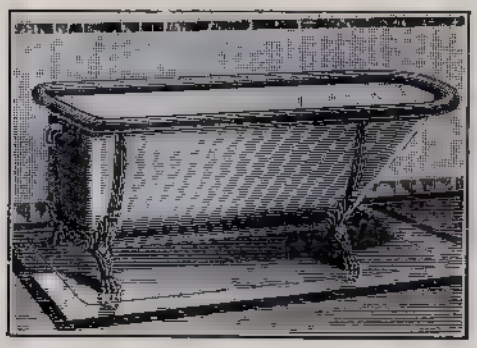

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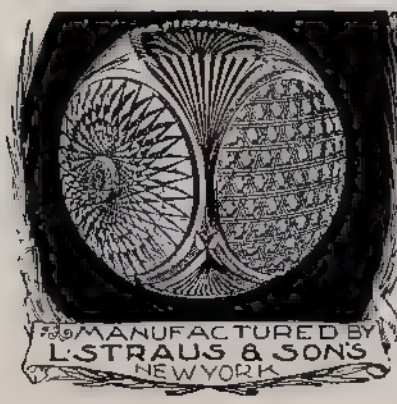

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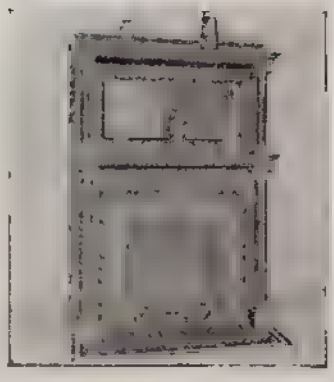

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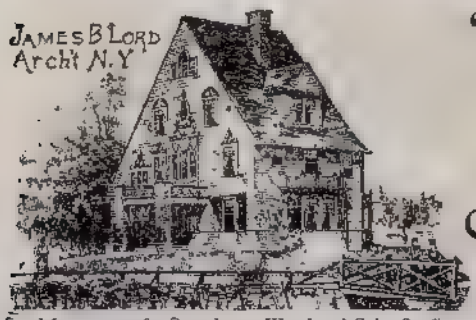

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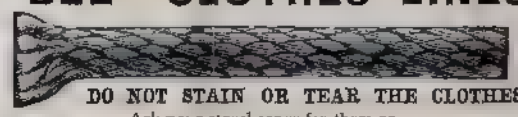

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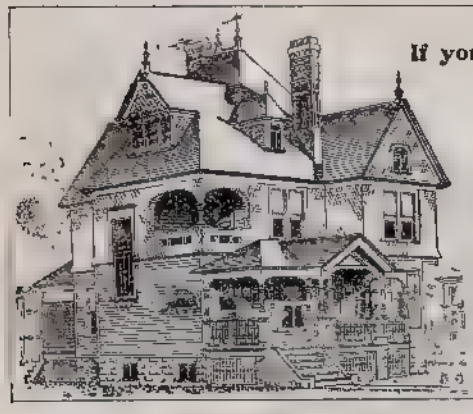

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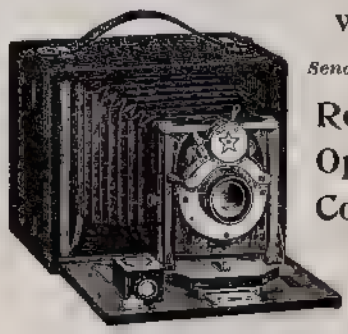

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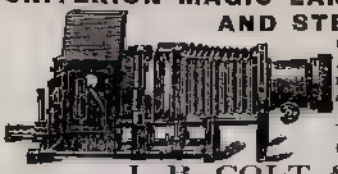

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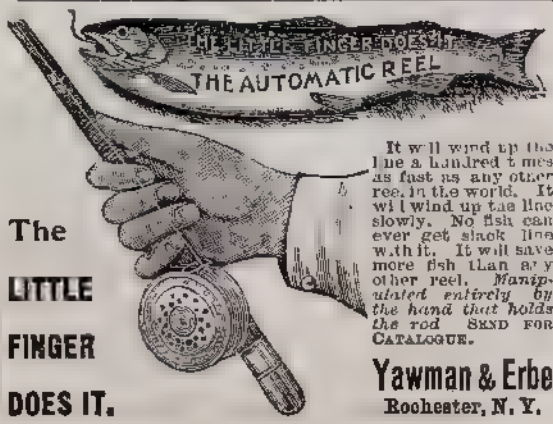

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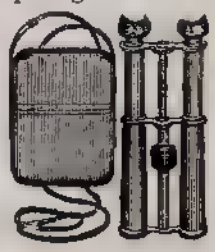

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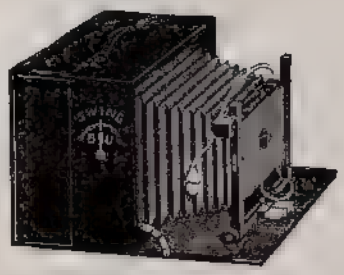

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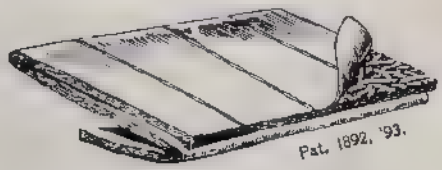

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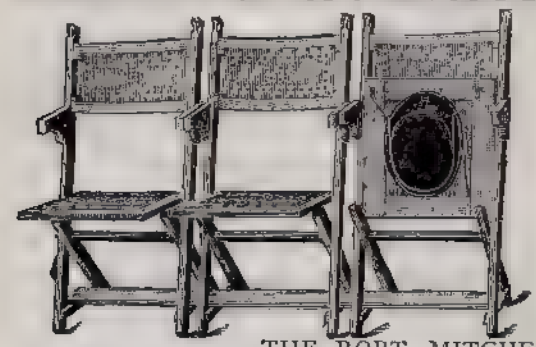

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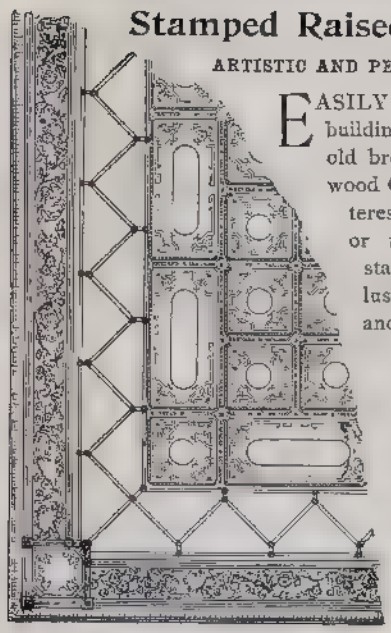

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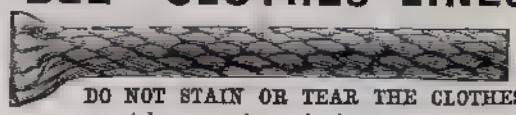

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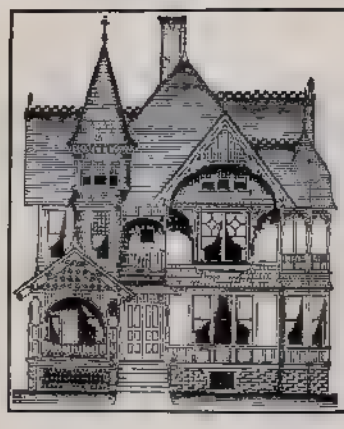

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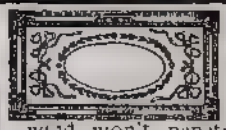

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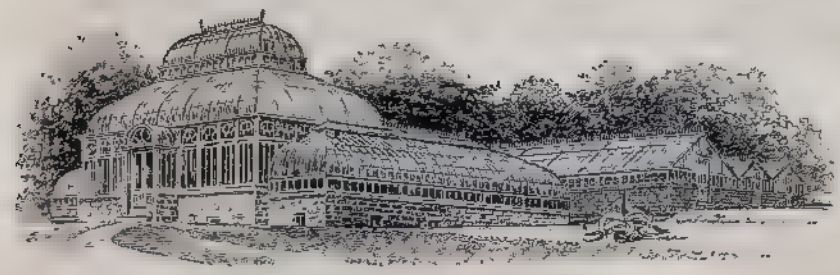

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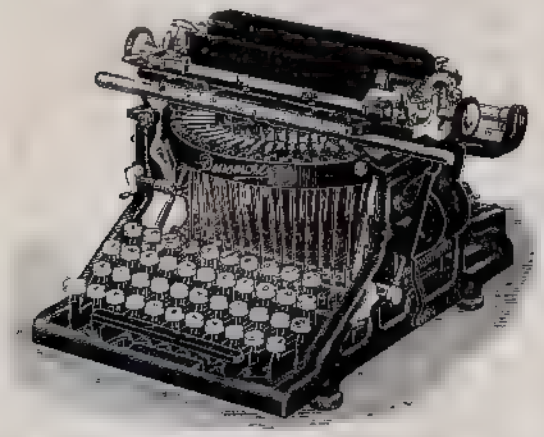

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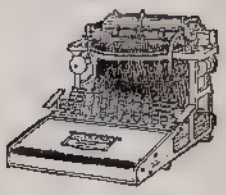

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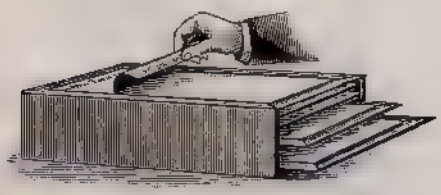

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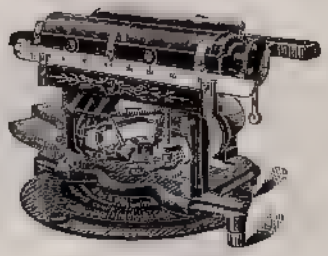

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It is fast enough;
It has steel type;
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It inks from a ribbon;
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It is a heavy manifolder;
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It does the best Mimeograph work;
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It does as good work as the hundred dollar machines;
It is guaranteed in every respect.

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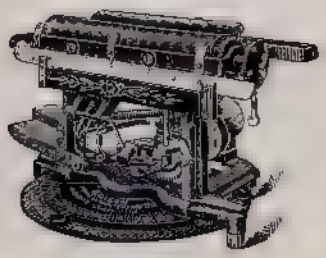

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It has steel type;
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It inks from a ribbon;
It is strongly built;
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It is a heavy manifolder;
It produces a perfect stencil;
It does the best Mimeograph work;
It can be used for general typewriting;
It is within the reach of all in price;
It does as good work as the hundred dollar machines;
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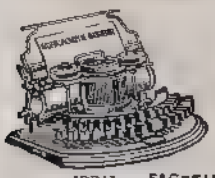

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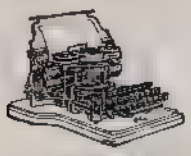

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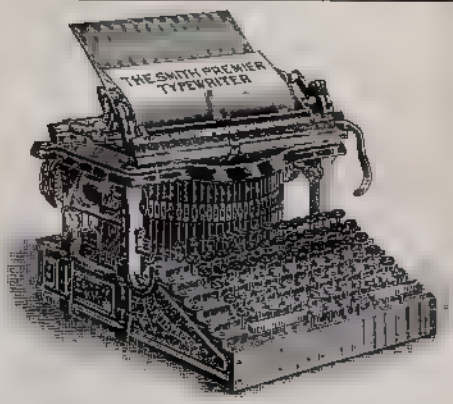

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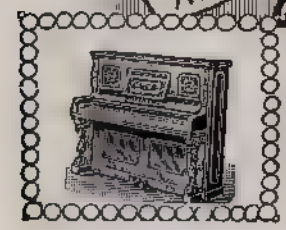

are constructed from the musician's standpoint, as well as that of the mechanic; hence these instruments are distinguished from all others by that pure and sympathetic quality of tone that contains the greatest musical possibilities; that consummation of mechanical excellence that admits of

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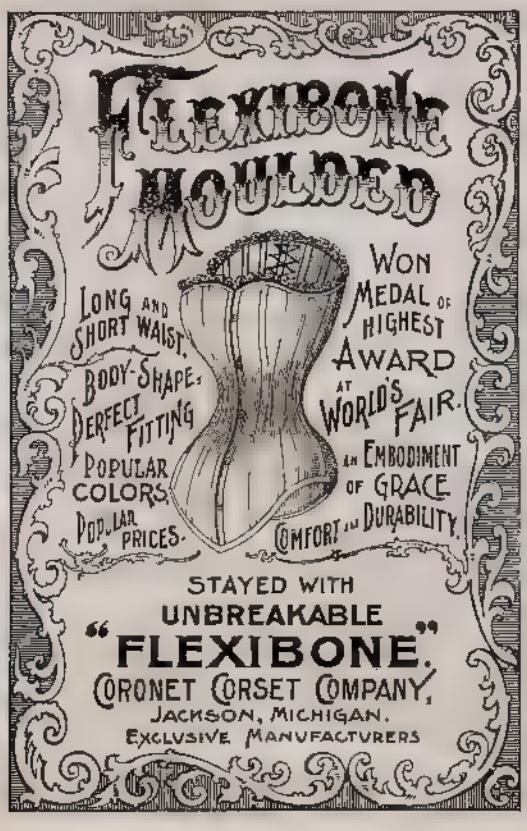

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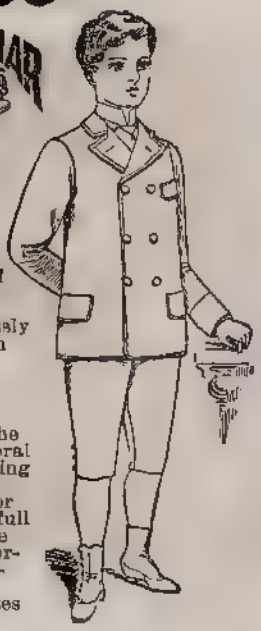

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	Cleveland	Hower & Higbee.
	Columbus	Dunn, Taft & Co.
	Columbus	C. J. Krag.
	Dayton	Hunter & Hardie.
	Dayton	The Rike Dry Goods Co.
	Defiance	Harley & Whittaker.
	Findlay	I. J. Shatz.
	Findlay	C. D. Swalley & Co.
	Fremont	Heim & Barnum.
	Gallipolis	J. M. Kerr & Co.
	Greenville	The Gordon & Grant Co.
	Hamilton	D. W. Fitton & Co.
	Mansfield	Reed & Ink.
	Marietta	S. R. Turner & Co.
	Massillon	A. J. Humberger & Son.
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	Newark	Carroll & Co.
	Norwalk	B. C. Taber & Co.,
	Portsmouth	The Herm's Dry Goods Co.
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	Sandusky	H. E. Nason.
	Sidney	I. H. Thedieck.
	Springfield	Bruce & Pursell.
	Tiffin	Fred. R. Holderman.
	Toledo	Lasalle & Koch.
	Urbana	Hitt & Fuller.
	Wellington	Laundon, Windecker & Co.
	Xenia	J. E. Jones & Co.
	Youngstown	Strouss & Hirschberg.
Oregon.	Portland	P. E. Brigham.
	Portland	Lipman, Wolfe & Co.
	Salem	Joseph Meyers.
Pa.	Allegheny	Boggs & Buhl.
	Bradford	S. Auerhaim.
	Carbondale	Pascoe Scurry & Co.
	Chambersburg	Drs. Hill & Crawford.
	Erie	Warner Bros.
	Franklin	A. H. Gray.
	Girard	Will W Hart.
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	Pittsburgh	Jos. Horne & Co.
	Philadelphia	Homer, LeBoutillier & Co.
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	Philadelphia	John Wanamaker.
	Titusville	R. D. Fletcher.
	West Chester	Emeline Spackman.
	York	K. E. & S. E. Alleman.
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S. C.	Charleston	Cohen & Triest.
S. Dak.	Aberdeen	Leonard & Wolfarth.
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	Sioux Falls	William Van Eps.
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	Dallas	Sanger Bros.
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	Houston	Levy Bros.
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	Sherman	Walter C. Jones & Co.
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Vt.	Brattleboro	F. K. Barrows.
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No. 253	—38-55 Caliber Center Fire Cartridge, 26 in. Octagon Barrel, 9 Shots, Weight About 7½ Lbs.	19.50
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No. 255	—25-35 Caliber Center Fire Smokeless Cartridge, 26 in. Octagon Nickel Steel Barrel, 9 Shots, Wt. About 7¼ Lbs	24.50
No. 256	—30 Caliber Center Fire Smokeless Cartridge, 26 in. Round Nickel Steel Barrel, 9 Shots, Wt. About 7¼ Lbs	23.00
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Take Down, Plain Trigger, Full Magazine.

Each

No. 261½—32 Caliber Winchester Special Center Fire Cartridge, 26 in. Octagon Nickel Steel Barrel, 9 Shots, Weight 7¾ Lbs. $29.50

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